

For 2021 Only...

Western Medical Research Conference

**Goes
Virtual!**

January 29-30, 2021



Participating Societies:

Western Section American Federation for Medical Research

Western Society for Pediatric Research

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**Save the Date for 2022 WMRC
January 20-22, 2022**

For 2021 Only...

Western Medical Research Conference

**Goes
Virtual!**

January 29-30, 2021



2021 WESTERN MEDICAL RESEARCH CONFERENCE (WMRC)

PROGRAM AT-A-GLANCE

January 29-30, 2021

Platform will adjust to your local time you are in. Meeting is in PST time zone

TIME	ACTIVITY & LOCATION
FRIDAY, JANUARY 29, 2021	
8:00 am – 8:10 am	WELCOME
8:10 am – 9:05 am	Genetics I Healthcare Research I - Therapies Neonatology – Perinatal Biology I Neuroscience I
9:05 am – 10:00 am	COVID - Infectious Diseases I Healthcare Research II – Learning Morphogenesis and Malformations Neonatology General I
10:00 am – 10:10 am	BREAK
10:10 am – 11:05 am	Adolescent Medicine and Behavior Development I Immunology and Rheumatology Infectious Diseases I Neonatology General II
11:05 am – 12:00 pm	Adolescent Medicine and Behavior Development II Endocrinology and Metabolism I Healthcare Research III – Machine Neonatology Pulmonary
12:00 pm – 1:00pm	BREAK
1:00 pm – 2:20 pm	AWARD SESSIONS AND PRESENTATIONS
	Henry Christian Award WSPR Abbott Nutrition Lowell Glasgow Student Research Award WSPR Abbott Nutrition David W. Smith Pediatric Trainee Research Award

2:20 pm – 3:15 pm	WSPR Abbott Nutrition Young Investigator Research Award Adolescent Medicine and Behavior Development III Hematology and Oncology Neonatology General III Surgery I
3:15 pm – 4:10 pm	Genetics II Neonatology General IV Pulmonary and Critical Care Surgery II
4:10 pm – 4:20 pm	BREAK
4:20 pm – 5:15 pm	Gastroenterology Surgery III
SATURDAY, JANUARY 30, 2021	
	JOINT PLENARY SESSION WAFMR and WSPR
8:00 – 8:15 am	Welcome WAFMR and WSPR President
8:15 – 9:00 am	WSPR Stanley Wright Lecture Healthcare Disparities Research As A Way To Improve the Healthcare System <i>Ricardo Correa, University of Arizona College of Medicine Phoenix</i>
9:00 am – 9:55 am	Cardiovascular I Neonatology - Perinatal Biology II Neuroscience II Adolescent Medicine and Behavior Development IV
9:55 am – 10:05 am	BREAK
10:05 am – 11:00 am	Adolescent Medicine and Behavior Development IV (<i>continued</i>) Cardiovascular II Healthcare Research IV - Psychology Neonatology General V
11:00 am – 11:55 am	Adolescent Medicine and Behavior Development V COVID - Infectious Diseases II Health Care Research V Neonatology General VI
11:55 am – 1:00 pm	BREAK
1:00 pm – 1:55 pm	Cardiovascular, Nephrology and Hypertension COVID – Health Care Research Endocrinology and Metabolism II Surgery IV
1:55 pm – 2:50 pm	Health Care Research VI – Quality Improvement Infectious Diseases II Surgery V

**2021 Western Medical Research Conference
Award Winners**

Shinya Abe, Kobe University Graduate School of Medicine	WSPR Mead Johnson Merit Award
Geoanna Bautista, University of California Los Angeles	AFMR Henry Christian Award
Dana Button, Oregon Health & Science University	WAFMR Subspecialty Award
Shanlee Davis, University of Colorado	WSPR Abbott Nutrition Young Investigator Research Award
Tristan Dear, University of Colorado Denver School of Medicine	WSPR Outstanding Resident Research Award
Evgenia Dobrinskikh, University of Colorado	WSPR Mead Johnson Merit Award
Theodore Gross, Valley Children's Hospital	WAFMR Subspecialty Award
Adina Hazan, Cedars Sinai Medical Center	WAFMR Subspecialty Award
Sarah Kee, University of Washington	WAFMR Subspecialty Award
Lauren Lee, University of California Los Angeles David Geffen School of Medicine	WSPR Abbott Nutrition Lowell Glasgow Student Research Award
Rebecca Levy, Stanford University School of Medicine,	WSPR Mead Johnson Merit Award
Olivia Man, University of California Los Angeles David Geffen School of Medicine	WAFMR Subspecialty Award
Pranay Maniar, New Jersey Institute of Technology	WAFMR Subspecialty Award
Monica Penon Portmann, University of California San Francisco	WSPR Mead Johnson Merit Award
Hannah Peterson, Loma Linda University School of Medicine	WAFMR Subspecialty Award
Jonathan Repine, University of Colorado	WAFMR Subspecialty Award
Caitlin Ritz, University of Colorado	WAFMR Subspecialty Award
Amitoj Singh, University of California San Francisco	WAFMR Subspecialty Award
Boris Stepanyuk, University of Colorado Denver School of Medicine	WSPR Mead Johnson Merit Award
Katie Strobel, University of California-Los Angeles	WSPR Abbott Nutrition David W, Smith Award
Tania Torbati, Western University of Health Sciences College of Osteopathic Medicine of the Pacific	WAFMR Subspecialty Award
Alicia White, University of Colorado	WSPR Mead Johnson Merit Award

WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR PEDIATRIC RESEARCH

Friday, January 29, 2021
8:00 AM – 8:10 AM

8:00 AM WELCOME

CONCURRENT SESSIONS

Friday, January 29, 2021
8:10 AM – 9:55 AM

Jointly sponsored by

WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR PEDIATRIC RESEARCH

Genetics I.....Room 1
Healthcare Research I - Therapies.....Room 2
Neonatology - Perinatal Biology I.....Room 3
Neuroscience I.....Room 4

Genetics I

Room 1

Anne Slavotinek, Presiding

8:10 PROSPECTIVE STUDY OF EPILEPSY IN NGLY1 DEFICIENCY.

RJ Levy, CH Frater, WB Galentine and MR Ruzhnikov, Stanford, CA. Stanford University School of Medicine (Mead Johnson Merit Award Genetics)

Abstract 1

8:14 CLINICAL WHOLE GENOME SEQUENCING IN YOUNG CHILDREN WITH AUTISM SPECTRUM DISORDER: A PILOT STUDY.

K Wigby, T Carr, M Feddock, A Jindal, D Dimmock, S Kingsmore, J Friedman and C Hobbs, San Diego, CA. University of California, San Diego (WSPR)

Abstract 2

8:18 PHENOTYPIC CHARACTERIZATION OF WAC RELATED INTELLECTUAL DISABILITY DUE TO A NOVEL SPLICING VARIANT.

JA Morales, MI Valenzuela, B Isidor, I Cusco-Marti, DR Matalon and N Gomez-Ospina, Stanford, CA; Barcelona, Spain; Nantes, France. Stanford University (WSPR)

Abstract 3

8:22 IDENTIFICATION OF CEP68 AS A CANDIDATE GENE FOR INSULIN CLEARANCE AND TYPE 2 DIABETES.

JH Nguyen and M Peterfy, Pomona, CA. Western University of Health Sciences

(WSMRF)

Abstract 4

- 8:26 URINE LUCK: A RARE CASE OF A CONGENITAL DISORDER OF GLYCOSYLATION DIAGNOSED BY URINE OLIGOSACCHARIDES.**
R Gates, K Cusmano-Ozog and N Gomez-Ospina, Stanford, CA. Stanford University
(WSMRF)

Abstract 5

- 8:30 SHORT BONES, RENAL STONES, AND DIAGNOSTIC MOANS: HYPERCALCEMIA IN A GIRL FOUND TO HAVE COFFIN-LOWRY SYNDROME.**
CG Tise, M Grover, DR Matalon and H Byers, Stanford, CA. Stanford University
(WSPR)

Abstract 6

- 8:34 NOVEL PHENOTYPE OF BONE MARROW FAILURE IN HUWE1-ASSOCIATED INTELLECTUAL DISABILITY AND SKEWING OF X-CHROMOSOME INACTIVATION IN MATERNAL BLOOD SUPPORT ROLE OF HUWE1 IN HEMATOPOESIS.**
C Carlston, SL Sell, JA Sullivan, S Brown, A Bentley, D Mettman, I Thiffault, P Bayrak-Toydemir and L Botto, San Francisco, CA; Hershey, PA; Durham, NC; Salt Lake City, UT; Kansas City, MO. UCSF (WAFMR)

Abstract 7

- 8:38 A RARE CO-OCCURRENCE OF AICARDI GOUTIERES SYNDROME WITH BI-ALLELIC POLG1 VARIANTS IN A CHILD OF CONSANGUINEOUS PARENTS.**
AE Lee, A Feigenbaum, D Dimmock and D Malicki, San Diego, CA; La Jolla, CA. University of California San Diego Rady Children's Hospital San Diego

Abstract 8

- 8:42 QUESTION AND ANSWERS**

Healthcare Research I - Therapies

Room 2

Nathanael E. Phillips, Presiding

- 8:10 THE ACCURACY OF CLINICAL AND OBSTETRICAL POINT OF CARE ULTRASOUND (POCUS) IN ESTIMATING FETAL WEIGHT VERSUS ACTUAL BIRTH WEIGHT: A PILOT PROSPECTIVE STUDY OF RIO BRAVO FAMILY MEDICINE RESIDENCY PROGRAM.**
V Marquez, Bakersfield, CA. Rio Bravo Family Medicine Residency Program (WAFMR)

Abstract 9

- 8:14 EFFECTS OF MINDFULNESS MEDITATION ON PATIENT SATISFACTION DURING URODYNAMIC STUDY.**
H Wagner, M Baranda, F Jellison and A Staack, Zephyrhills, FL. Loma Linda University

Abstract 10

- 8:18 THE EFFECTS OF COUGH SUPPRESSION THERAPY ON VOICE SEVERITY.**
D LaTour, R Hahn, B Crawley, P Krishna and T Murry, Loma Linda, CA. Loma Linda University

Abstract 11

- 8:22 DEVELOPMENT OF A QUESTIONNAIRE ON ACCESS TO SICKLE CELL DISEASE CARE IN THE INDIGENOUS THARU POPULATION OF NEPAL.**
SY Starkey, K Gray, C Lanz, J Taylor, SA Lim, K Patterson and V Kapoor, Vancouver, BC, Canada. University of British Columbia (WSMRF)

Abstract 12

- 8:26 TELEMEDICINE TRAINING TO IMPROVE HEALTHCARE ACCESS FOR SENIOR LIVING COMMUNITY RESIDENTS IN LEWISTOWN, MONTANA.**
W French, Seattle, WA. University of Washington School of Medicine (WSMRF)

Abstract 13

- 8:30 KNOWLEDGE AND RISK PERCEPTION ABOUT HEPATITIS C: PRELIMINARY EVIDENCE FROM A CROSS-SECTIONAL STUDY OF ADULTS LIVING IN LOUISIANA.**
B Novak, K Panbechi and J Matacotta, Pomona, CA. Western University of Health Sciences College of Osteopathic Medicine of the Pacific

Abstract 14

- 8:34 ADEQUACY OF ANESTHESIA INFORMATION RECEIVED BY PEDIATRIC PATIENTS' PARENTS AND THEIR PREFERRED METHOD OF EDUCATION.**
L Nguyen, La Jolla, CA. University of California San Diego

Abstract 15

- 8:38 ADDRESSING ALCOHOL USE DISORDER IN PLAINS, MT THROUGH ONLINE MUTUAL SUPPORT GROUPS.**
M Napier, Spokane, WA. University of Washington School of Medicine

Abstract 16

8:42 QUESTION AND ANSWERS

Neonatology - Perinatal Biology I

Room 3

Lisa Joss-Moore, Presiding

- 8:10 ANTENATAL SELENIUM DEFICIENCY DECREASES NEONATAL HEPATIC AND PLASMA GLUTATHIONE PEROXIDASE.**
D Balasubramaniyan, L Zheng, R de Dios, T Sizemore, E Nozik, CJ Wright and L Sherlock, Aurora, CO. University of Colorado Denver School of Medicine

Abstract 17

- 8:14 HYPOXEMIA DOES NOT POTENTIATE HYPOGLYCEMIA INDUCED**

GLUCOSE PRODUCTION IN FETAL SHEEP.

P Mukherjee, AK Jones, P Rozance, LD Brown, S Limesand and S Wesolowski, Aurora, CO; Tucson, AZ. University of Colorado

Abstract 18

8:18 REDUCED VEGFA IS ASSOCIATED WITH DIFFERENCES IN THE MICROVASCULAR STRUCTURE IN IUGR SKELETAL MUSCLE.

T Dear, E Chang, A Heintz, S Wesolowski, S Jonker, P Rozance and L Brown, Denver, CO; Portland, OR. University of Colorado Denver School of Medicine (WSPR Abbott Nutrition Pediatric Resident Research Award)

Abstract 19

8:22 CEREBRAL REGIONAL OXYGEN SATURATION DURING RESUSCITATION IN PERINATAL ASPHYXIAL CARDIAC ARREST.

LI Zeinali, M Hardie, A Lesneski, D Sankaran, S Lakshminrusimha and P Vali, Sacramento, CA; Davis, CA. University of California Davis

Abstract 20

8:26 DISTINCT POPULATIONS OF DEVELOPING MACROPHAGES IN EMBRYONIC MOUSE LIVERS AND LUNGS.

S Hietalati, L Butcher and L Prince, La Jolla, CA. University of California San Diego (WSPR)

Abstract 21

8:30 IN VITRO INHIBITORY POTENCY OF D-PENICILLAMINE ON HEME OXYGENASE ISOZYME ACTIVITY.

K Fuwa, CM Konecny, DK Stevenson and RJ Wong, Stanford, CA. Stanford University School of Medicine

Abstract 22

8:34 A NOVEL RAT MODEL OF INFLAMMATION DRIVEN DIFFUSE WHITE MATTER INJURY.

J Waddell, K Carter, N Ojeda and Y Pang, Jackson, MS. University of Mississippi Medical Center

Abstract 23

8:38 STANDARDIZED CHITOSAN NANOPARTICLES.

AC Jaeger, N Iwakoshi and W Kirsch, Loma Linda, CA; Raleigh, NC; College Place, WA. Loma Linda University

Abstract 24

8:42 QUESTION AND ANSWERS

Neuroscience I

Room 4

Naveed Wagle, Presiding

- 8:10 PRECLINICAL PRENATAL ALCOHOL EXPOSURE AND PLACENTAL INSUFFICIENCY RESULT IN ALTERED CEREBELLAR PEDUNCLE MICROSTRUCTURE.**
D Marquez, N Pavlik, S Davies, D Savage and J Maxwell, Rio Rancho, NM. University of New Mexico
Abstract 25
- 8:14 SOMATIC MOSAICISM OF A SINGLE PLATELET DERIVED GROWTH FACTOR RECEPTOR BETA VARIANT: THE ROLE OF ALLELE FREQUENCY ON PHENOTYPE.**
F El-Ghazali and M Ferreira, Sammamish, WA. University of Washington
Abstract 26
- 8:18 EFFECT OF PREOPERATIVE OPIOID USE ON POST OPERATIVE OPIOID DEMAND AND LENGTH OF STAY FOLLOWING SPINAL FUSION FOR TRAUMA.**
L Castellini and R Saigal, Seattle, WA. University of Washington School of Medicine
Abstract 27
- 8:22 BIOINFORMATIC COMPARISONS OF ZEBRAFISH AND RATS AFTER SPINAL CORD INJURY.**
AG Navarro and K Mruk, Spokane, WA; Laramie, WY. WWAMI Medical Education, University of Washington School of Medicine, Spokane, WA. (WSMRF)
Abstract 28
- 8:26 ALTERED EXPRESSION OF HSPA1B AND DNAJB1 IN BRAIN OF CALPAIN-1 KNOCKOUT MICE.**
S Shiehzhadegan and M Baudry, Chino Hills, CA. Western University of Health Sciences (WSMRF)
Abstract 29
- 8:30 SUPEROTEMPORAL RETINAL AMYLOID IMAGING SIGNALS PATHOLOGIC NEURODEGENERATION AND MEMORY DEFICITS IN SUBJECTS WITH COGNITIVE DECLINE.**
T Torbati, OM Dumitrascu, J Sheyn, PD Lyden, A Sherzai, D Sherzai, DS Sherman, S Verdooner, KL Black, Y Koronyo and M Koronyo-Hamaoui, Pomona, CA; Los Angeles, CA; Loma Linda, CA; Sacramento, CA. Western University of Health Sciences College of Osteopathic Medicine of the Pacific Cedars Sinai Medical Center (WAFMR Subspecialty Award) (WAFMR)
Abstract 30
- 8:34 PRENATAL ALCOHOL EXPOSURE AND PLACENTAL INSUFFICIENCY ALTER NEURONAL COMPLEXITY IN RAT PREFRONTAL CORTEX.**
N Pavlik, J Newville, S Davies, C Jose, D Savage and J Maxwell, Rio Rancho, NM. University of New Mexico
Abstract 31
- 8:42 QUESTION AND ANSWERS**

CONCURRENT SESSIONS

**Friday, January 29, 2021
9:05 AM – 10:00 AM**

Jointly sponsored by

**WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR PEDIATRIC RESEARCH**

**COVID - Infectious Diseases I.....Room 1
Healthcare Research II - Learning.....Room 2
Morphogenesis and Malformations.....Room 3
Neonatology General I.....Room 4**

COVID - Infectious Diseases I

Room 1

Fred Buckner, Presiding

**9:05 ASSOCIATION OF CORONAVIRUS DISEASE 2019 (COVID-19) AND STROKES
IN YOUNG AND MIDDLE-AGED ADULTS.**

*S Marquina, N Le, S Narayanan, K Parang, L Um, D Villegas and B Afghani, Irvine, CA;
Orange, CA. UC Irvine School of Medicine (WSMRF)*

Abstract 32

**9:09 CASE CONTROL STUDY: D-DIMER AS A PROGNOSTIC FACTOR FOR
DISEASE SEVERITY IN COVID-19 INFECTIONS.**

Y Eslami, E Kuhn and T Saylor, Long Beach, CA. College Medical Center Long Beach

Abstract 33

**9:13 EPIDEMIOLOGIC CHARACTERISTICS OF MULTISYSTEM
INFLAMMATORY SYNDROME IN CHILDREN (MIS-C) WITH A FOCUS ON
OUTCOMES.**

*K Ghasemian, A Axelson, A Mommileti, D Ramesh, R Syed, S Wang and B Afghani,
Irvine, CA; Orange, CA. University of California Irvine School of Medicine (WSMRF)*

Abstract 34

9:17 IMPACT OF COVID-19 INFECTION ON PATIENTS POST-DISCHARGE.

*KR Stanek, S Garimella, M Huey, D Davis, JB Leary, R Becerra and R Lam, Colorado
Springs, CO. University of Colorado (WAFMR)*

Abstract 35

**9:21 POTENTIAL FOR RECURRENCE OF CORONAVIRUS 2019 (COVID-19) IN
RECOVERED PATIENTS.**

*S Arumalla, M Attar, A Lim, W Lin, B Mukkamala, K Shirish and B Afghani, Irvine, CA;
Orange, CA. UC Irvine School of Medicine*

Abstract 36

- 9:25 AN OBSERVATIONAL STUDY OF COVID-19 IN A PUBLIC ACADEMIC MEDICAL CENTER.**
R Sharma, A Heidari, L Moosavi, M Miyakee, J Joliff, R Kuran, J Bhandohal and R Johnson, Bakersfield, CA. Kern Medical Center
 Abstract 37
- 9:29 MOBILE HEALTH CLINICS TO COMBAT THE SPREAD OF COVID-19 IN MIGRANT FARMWORKERS OF SKAGIT COUNTY, WASHINGTON.**
PS Fallah, Seattle, WA. University of Washington School of Medicine
 Abstract 38
- 9:33 EFFECTIVENESS OF CONVALESCENT PLASMA THERAPY IN CORONAVIRUS DISEASE 2019 (COVID-19) CASES.**
I Okwuosa, B Barsoum, E Flores, A Kasargod, D Nassir, A Pammidimukkala and B Afghani, Irvine, CA; Orange, CA. UC Irvine School of Medicine (WSMRF)
 Abstract 39
- 9:37 QUESTION AND ANSWERS**

10:00 am – 10:10 am BREAK

Healthcare Research II - Learning

Room 2

Matthew D. McEchron, Presiding

- 9:05 TEACHING CAREGIVERS TO IDENTIFY RESPIRATORY DISTRESS USING DIFFERENT MODES OF EDUCATION.**
K Houmpheng, R Hassler, P Sosa and L Fullerton, Albuquerque, NM; Bronx, NY. University of New Mexico School of Medicine
 Abstract 40
- 9:09 STUDENT PERSPECTIVE OF TEAM DYNAMICS BEFORE AND AFTER A DISASTER RESPONSE COURSE.**
E Cha, E Madsen, ET Reibling, E Richards and P Savino, Loma Linda, CA. Loma Linda University Adventist Health Sciences Center
 Abstract 41
- 9:13 A QUALITY IMPROVEMENT PROJECT IMPACTS RESIDENT SATISFACTION WITH THE DEPART PROCESS.**
K Upplegger, M Heubeck, L Lopez, A Subbaswamy, G McCauley, T Ozechowski, A Belmonte, R Craig, A Duran, K Fath, S Lunderman and E Jimenez, Albuquerque, NM. University of New Mexico Health Sciences Center
 Abstract 42
- 9:17 A UNIVERSITY COLLABORATION IN CREATING A POWERED AIR PURIFYING RESPIRATOR: AN EMERGENCY INNOVATIVE RESPONSE.**
SC Wasden, S Simister, B McRae, S Jayaraman and B Fassl, Salt Lake City, UT. University of Utah Hospital

Abstract 43

**9:21 LEADERS IN WOMEN'S HEALTH: 2020 PROGRESS REPORT ON
ADVANCING WOMEN'S HEALTH AND LEADERSHIP.**

JE Maughan, CN Bairey Merz, M Jenkins, JG Regensteiner, W Klein, M Carnes and M Gulati, Los Angeles, CA; Lubbock, TX; Aurora, CO; Richmond, VA; Madison, WI; Phoenix, AZ. Cedars Sinai Heart Institute

Abstract 44

**9:25 A GLOBAL SURVEY OF PATIENT AND CAREGIVER EXPERIENCES
THROUGHOUT CARE FOR DEVELOPMENTAL DYSPLASIA OF THE HIP.**

M Gibbard, I Zivkovic, B Jivraj, E Schaeffer, JM Robillard, I Knowledge Transition Advisory Board and K Mulpuri, Vancouver, BC, Canada. BC Children's Hospital Research Institute

Abstract 45

**9:29 IMPACT OF LABORATORY TEST COST AND BLOOD VOLUME
EDUCATION ON RESIDENT TEST ORDERING HABITS.**

N Banyl and J Simons, Vancouver, BC, Canada. University of British Columbia (WSMRF)

Abstract 46

9:33 AUDIT OF MEDICATION RECONCILIATION FORMS.

G Peck, K Afshar and D Courtemanche, Vancouver, BC, Canada. The University of British Columbia Faculty of Medicine

Abstract 47

9:37 QUESTION AND ANSWERS

10:00 am – 10:10 am BREAK

Morphogenesis and Malformations

Room 3

Alan Rope, Presiding

**9:05 SCHIZENCEPHALY IN COLLAGEN TYPE IV VASCULOPATHIES: THE
VASCULAR HYPOTHESIS AND IMPLICATIONS FOR MANAGEMENT.**

M Penon Portmann, J Chang and J Shieh, San Francisco, CA. UCSF (Mead Johnson Merit Award Morphogenesis and Malformations)

Abstract 48

**9:09 INVESTIGATION OF ITGAM ON FRACTURE DEVELOPMENT AND
VERTEBRAL MORPHOLOGY IN ZEBRAFISH.**

T Loose, CJ Watson, RY Kwon and Y Hsu, Laramie, WY; Seattle, WA; Boston, MA. University of Washington School of Medicine (WSMRF)

Abstract 49

- 9:13 CHARACTERIZATION OF PATTERNED LIMB DEVELOPMENT: REGULATION OF THE FGF-SHH RECIPROCAL LOOP**
J Amoah, Loma Linda, CA. Loma Linda University.
 Abstract 50
- 9:17 RECESSIVE ARTHROGRYPOSIS AND PROGRESSIVE LEUKODYSTROPHY: LINKING NEONATAL AND ADULT PHENOTYPES OF GBE1.**
J Chenbhanich and J Shieh, San Francisco, CA. University of San Francisco
 Abstract 51
- 9:21 A NOVEL PANCREATIC PHENOTYPE IN A CHILD WITH *WDR19*-RELATED CILIOPATHY.**
MN Keyser, LM Bird, J Beauchamp and M Huang, San Diego, CA; La Jolla, CA. University of California San Diego
 Abstract 52
- 9:25 5TH DIGIT NAIL HYPOPLASIA IN TRISOMY 9P.**
A Renck, D Stevenson and M Manning, Stanford, CA. Stanford University School of Medicine
 Abstract 53
- 9:29 A CASE OF NON-FINNISH MULIBREY NANISM.**
ED Novatcheva, MN Lau, K Tygart, M Wright, N Shareef and LM Bird, La Jolla, CA; San Diego, CA. University of California San Diego
 Abstract 54
- 9:33 THE ROLE OF THE SOX11 TRANSCRIPTION FACTOR IN REGULATING GROWTH DIFFERENTIATION FACTOR-5 DURING JOINT FORMATION.**
NA Sandoval, R Damoah, A Cooper, C Pira and K Oberg, Loma Linda, CA. Loma Linda University
 Abstract 55
- 9:37 QUESTION AND ANSWERS**

10:00 am – 10:10 am BREAK

Neonatology General I

Room 4

Henry Lee, Presiding

- 9:05 DO BILIRUBIN/ALBUMIN (B/A) RATIOS CORRELATE WITH UNBOUND BILIRUBIN LEVELS IN PRETERM INFANTS?**
S Abe, K Fujioka, RJ Wong and K Iijima, Kobe, Japan; Stanford, CA. Kobe University Graduate School of Medicine (Mead Johnson Merit Award Neonatology General) (WSPR)
 Abstract 56
- 9:09 INCREASING INCIDENCE OF ASTHMA IN CHILDREN WITH PRENATAL**

OPIOID EXPOSURE.

*I Cervantes, S Shrestha, S Ruyak and J Maxwell, Rio Rancho, NM; Boston, MA.
University of New Mexico*

Abstract 57

9:13 PERSISTENT BACTERIAL VAGINOSIS AND RISK FOR SPONTANEOUS PRETERM BIRTH.

YJ Blumenfeld, I Maric, DK Stevenson and GM Shaw, Stanford, CA. Stanford University School of Medicine

Abstract 58

9:17 EVALUATING VARIATIONS IN NEONATAL INTENSIVE CARE: LONGITUDINAL, POPULATION-BASED TRENDS IN CLINICAL MANAGEMENT AND CARE OF NEWBORNS IN CALIFORNIA.

EM Pang, J Liu, T Lu and H Lee, Palo Alto, CA. Stanford University School of Medicine

Abstract 59

9:21 ACCURACY OF TRANSCUTANEOUS CO2 MONITORING IN NEWBORNS UNDERGOING THERAPEUTIC HYPOTHERMIA.

P Garlapati, R Phan, S Lakshminrusimha and P Vali, Rancho Cordova, CA; Davis, CA. University of California Davis

Abstract 60

9:25 SEVERE SMALL-FOR-GESTATIONAL-AGE INFANTS ARE EXPOSED TO INCREASED OXIDATIVE STRESS CONDITION.

M Ashina, K Fujioka and K Iijima, Kobe, Japan. Kobe University Graduate School of Medicine (WSPR)

Abstract 61

9:29 INCIDENCE OF HYPOSPADIAS IN SEVERE SMALL-FOR-GESTATIONAL-AGE ASIAN INFANTS: A MULTICENTER POPULATION STUDY.

M Ashina, K Fujioka, S Yoshimoto, T Ioroi and K Iijima, Kobe, Japan; Himeji, Japan. Kobe University Graduate School of Medicine (WSPR)

Abstract 62

9:33 NEONATAL RESUSCITATION IN THE EMERGENCY ROOM: TESTING KNOWLEDGE AND CONFIDENCE OF RESIDENTS.

S Liu, LE Yaeger, E Sander, FB Wertheimer, R Ramanathan and M Biniwale, Los Angeles, CA. LAC USC Medical Center

Abstract 63

9:37 QUESTION AND ANSWERS

10:00 am – 10:10 am BREAK

CONCURRENT SESSIONS

**Friday, January 29, 2021
10:10 AM – 11:05 AM**

Jointly sponsored by

**WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR PEDIATRIC RESEARCH**

**Adolescent Medicine and Behavior Development I.....Room 1
Immunology and Rheumatology.....Room 2
Infectious Diseases I.....Room 3
Neonatology General II.....Room 4**

Adolescent Medicine and Behavior Development I

Room 1

Jessie Maxwell, Presiding

**10:10 MATERNAL MENTAL HEALTH AND POSTPARTUM DEPRESSION IN THE
COVID-19 PANDEMIC.**

*M Waschmann, K Rosen, L Gievers, S Khaki, A Laird and A Hildebrand, Portland, OR.
Oregon Health and Science University*

Abstract 64

**10:14 PARENTAL INVOLVEMENT IN CHILDREN'S EATING BEHAVIORS FOR
HEALTHY BMI.**

*D Jhang, BM Rodriguez, R Guest and M Baum, Loma Linda, CA. Loma Linda University
School of Medicine*

Abstract 65

10:18 BEHAVIOR CHANGE IN YOUTH BASED ON TYPE OF FAMILIAL LOSS.

*JL Carlson, M Castella-Chin, D Jhang, C Irani and M Baum, Loma Linda, CA. Loma
Linda University*

Abstract 66

**10:22 WHAT ARE PARENTS READING ABOUT THE SUNSCREEN
CONTROVERSY?**

J Shiosaki and L Yamamoto, Honolulu, HI. University of Hawai'i at Manoa

Abstract 67

**10:26 OUTCOMES OF INITIAL CONSERVATIVE TREATMENT IN ADOLESCENT
PATIENTS WITH STABLE OSTEOCHONDRITIS DISSECANS OF THE
ELBOW.**

B Sandridge, D Howell and JC Albright, Aurora, CO. Children's Hospital Colorado

Abstract 68

10:30 DISRUPTIVE BEHAVIORS AMONG CHILDREN AND TEENS WHO

EXPERIENCED EITHER A TRAUMATIC/UNEXPECTED OR NATURAL LOSS.
D Jhang, M Castella-Chin, JL Carlson and M Baum, Loma Linda, CA. Loma Linda University School of Medicine

Abstract 69

10:34 TEAM NEMO CONSULT SERVICE: EXTENDING THE IMPLEMENTATION OF EARLY DIAGNOSIS AND INTERVENTION FOR CEREBRAL PALSY PRIOR TO DISCHARGE FROM THE NICU.

S Iyer, K Jiang, S Espinosa and K Kesavan, Agoura Hills, CA; Los Angeles, CA. University of California Los Angeles

Abstract 70

10:38 ADDRESSING THE LONELINESS EPIDEMIC: THE IMPACT OF LEARNING COMMUNITIES ON MEDICAL STUDENTS' SENSE OF CONNECTION AND BELONGING.

HJ Chi, UE Oyoyo and A Hayton, Loma Linda, CA. Loma Linda University School of Medicine

Abstract 71

10:42 QUESTION AND ANSWERS

Immunology and Rheumatology

Room 2

Sonam Kiwalkar and Kevin Deane, Presiding

10:10 CLINICAL CHARACTERISTICS OF LATE-ONSET SPONDYLOARTHRTIDES.

KY Anishchenko, E Cheng and L Caplan, Aurora, CO. University of Colorado Denver School of Medicine Rocky Mountain Regional VA Medical Center

Abstract 72

10:14 NOVEL CORONA VIRUS PANDEMIC- 2019 AND PATIENT EXPERIENCE COMPARING TELEMEDICINE WITH CONVENTIONAL CLINIC VISIT IN PATIENTS WITH JUVENILE IDIOAPHTIC ARTHRITIS AND CHILDHOOD SYSTEMIC LUPUS ERYTHEMATOSUS.

T Gross and S Sukumaran, Madera, CA. Valley Children's Hospital (WAFMR Subspecialty Award)

Abstract 73

10:18 PATIENT EXPERIENCE WITH TELEHEALTH IN A PEDIATRIC RHEUMATOLOGY CLINIC DURING THE NOVEL CORONAVIRUS PANDEMIC 2019.

Y Moufarrej, D Singh, R Patel and S Sukumaran, Madera, CA. Valley Children's Hospital

Abstract 74

10:22 AN INTERESTING CASE OF STATIN INDUCED AUTOIMMUNE MYOPATHY.

M Nemati and M Srail, French Camp, CA. San Joaquin General Hospital

Abstract 75

10:26 PLATELET/LYMPHOCYTE RATIO AS A POTENTIAL BIOMARKER FOR DISEASE ACTIVITY IN ANKYLOSING SPONDYLITIS.

EJ Kim, R Sen, E Manning, E Anderson, K Maier, E Cheng and L Caplan, Aurora, CO. University of Colorado Denver School of Medicine (WSMRF)

Abstract 76

10:30 USE OF ANAKINRA FOR CORONAVIRUS DISEASE 2019 ASSOCIATED MULTISYSTEM INFLAMMATORY SYNDROME IN CHILDREN.

KS Jin and S Sukumaran, Madera, CA. Valley Children's Healthcare

Abstract 77

10:34 PROLIFERATION AND DIFFERENTIATION POTENTIALS OF CLONAL HUMAN ARTICULAR CARTILAGE PROGENITOR CELLS.

LC Snyder, P Lam, K Weekes, A Elhance, B Parkway and B Johnstone, Portland, OR. Oregon Health & Science University School of Medicine

Abstract 78

10:38 VALIDATING A SCORING SYSTEM FOR IMMUNOGLOBULIN UNRESPONSIVENESS IN HIGH RISK KAWASAKI DISEASE.

S Nayak, A Florea, S Sin and M Soneji, Loma Linda, CA. Loma Linda University Adventist Health Sciences Center

Abstract 79

10:42 QUESTION AND ANSWERS

Infectious Diseases I

Room 3

Fred Buckner, Presiding

10:10 INCREASED SUSCEPTIBILITY TO INFECTIOUS DISEASES DUE TO MEASLES-INDUCED IMMUNOSUPPRESSION: A SYSTEMATIC REVIEW.

P Natcher and J Mosser, Anchorage, AK; Seattle, WA. University of Washington School of Medicine

Abstract 80

10:14 ASSESSING ONLINE CONTENT ON TDAP VACCINATION IN PREGNANCY USING INSTAGRAM & FACEBOOK.

S Feng, T Le, K Lee, J Maticotta and AL Nelson, Pomona, CA. Western University of Health Sciences College of Osteopathic Medicine of the Pacific

Abstract 81

10:18 EPIDEMIOLOGY OF PEDIATRIC OSTEOARTICULAR INFECTIONS IN THE UNITED STATES.

K Disch and W Dehority, Albuquerque, NM. University of New Mexico (WSPR)

Abstract 82

10:22 RE-EMERGENCE OF ARBOVIRUS DISEASES IN THE STATE OF RIO DE JANEIRO, BRAZIL 2014-2019.

O Man, T Fuller and K Nielsen-Saines, Los Angeles, CA. University of California Los Angeles David Geffen School of Medicine (WAFMR Subspecialty Award) (WSMRF)

Abstract 83

10:26 RISE IN SERUM MAGNESIUM LEVELS IN HOSPITALIZED PATIENTS INFECTED WITH COVID-19.

R Sharma, A Heidari, R Johnson and G Petersen, Bakersfield, CA. UCLA-Kern Medical

Abstract 84

10:30 CAROTID ARTERY THROMBOEMBOLISM IN THE SETTING OF SARS-COV-2 POSITIVE HYPERCOAGULABILITY.

C Spates, A Tran, T Schainker, F Espinoza and H Huth, Oak Park, IL. West Suburban Medical Center

Abstract 85

10:34 PROTECTING NEWBORNS FROM PERTUSSIS: WHAT ONLINE PROFESSIONAL WEBSITES SAY ABOUT TDAP.

K Lee, S Feng, T Le, J Matacotta and AL Nelson, Pomona, CA. Western University of Health Sciences

Abstract 86

10:38 A NOVEL COMPOUND WITH ANTIMICROBIAL ACTIVITY AGAINST STAPHYLOCOCCUS AUREUS.

N Amin, D Vosburg and H Szurmant, La Jolla, CA; Claremont, CA. Western University of Health Sciences

Abstract 87

10:42 QUESTION AND ANSWERS

Neonatology General II

Room 4

Jane Stremming, Presiding

10:10 OPTIMIZING CHEST COMPRESSIONS TARGETING GAS EXCHANGE IN NEONATAL CARDIAC ARREST.

V Agrawal, S Gugino, C Koenigsknecht, J Helman, M Rawat, J Nair, B Mathew, S Berkelhamer, D Sankaran, P Rivera-Hernandez, S Mani, S Lakshminrusimha and P Chandraskharan, Buffalo, NY; Loma Linda, CA; Davis, CA. Loma Linda University Adventist Health Sciences Center University at Buffalo

Abstract 88

10:14 COMPARISON OF PROCALCITONIN AND HIGH SENSITIVITY C-REACTIVE PROTEIN AS SCREENING TEST FOR LATE ONSET SEPSIS.

A Vachhani, A Chambliss, M Durand, R Ramanathan and R Cayabyab, Los Angeles, CA. LAC+USC Medical Center, Keck School of Medicine of USC

Abstract 89

10:18 EFFECTS OF POSTNATAL STEROIDS ON TOTAL BRAIN VOLUME IN

PRETERM INFANTS

JJ Keel, LK Lee, W Surento, M Shiroishi, N Jahanshad, R Ramanathan and R Cayabyab, Los Angeles, CA; Fontana, CA. LAC+USC

Abstract 90

10:22 VIRTUAL FAMILY CENTERED ROUNDS IN THE NEONATAL INTENSIVE CARE UNIT: A PILOT STUDY.

J Ranu, K Hoffman, H Sauers-Ford, J Williams and JL Rosenthal, Davis, CA. University of California Davis

Abstract 91

10:26 QUESTION AND ANSWERS

10:35 *Abbott Nutrition Neonatology General State-of-the-Art Speaker*
OXYGEN IN THE NICU – FRIEND OR FOE?
Satyan Lakshminrusimha, UC Davis

CONCURRENT SESSIONS

Friday, January 29, 2021

11:05 AM – 12:00 PM

Jointly sponsored by

**WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR PEDIATRIC RESEARCH**

Adolescent Medicine and Behavior Development IIRoom 1
Endocrinology and Metabolism I.....Room 2
Healthcare Research III - Machine.....Room 3
Neonatology Pulmonary.....Room 4

Adolescent Medicine and Behavior Development II

Room 1

Walter Dehority, Presiding

11:05 EVALUATING MIDDLE SCHOOL STUDENTS' UNDERSTANDING OF TOPICS PERTINENT TO, AND EMOTIONAL OUTLOOK ON THE COVID-19 PANDEMIC.

BI Stepanyuk, EC Cornish, M Overbeck and M Abdel-Maksoud, Aurora, CO; Denver, CO. University of Colorado Denver School of Medicine (Mead Johnson Merit Award Adolescent Medicine and General Pediatrics)

Abstract 92

11:09 REDESIGNING THE DOOR REDUCES THE POTENTIAL FOR FINGER INJURIES IN CHILDREN.

I Yang and L Yamamoto, Honolulu, HI. University of Hawaii at Manoa

Abstract 93

11:13 WHAT'S THE BEEF? EMPOWERING YOUTH TO ADDRESS BULLYING THROUGH ART.

P Xiong, L Rodriguez, A Avila, E Gastelum and R Kinman, Fresno, CA. University of California Davis (WSMRF)

Abstract 94

11:17 WALKABILITY OF SAN BERNARDINO COUNTY'S ELEMENTARY SCHOOLS IN RELATION TO SCHOOL DISTRICT SIZES.

R Guest and M Baum, Loma Linda, CA. Loma Linda University School of Medicine

Abstract 95

11:21 JUST-IN-TIME TRAINING FOR VIDEO LARYNGOSCOPY IN PEDIATRIC INTUBATIONS.

E Lum, S Sommer-Candelario, S De Los Santos, K Aeby, S Choi and J Lee-Jayaram, Honolulu, HI. University of Hawai'i at Manoa

Abstract 96

11:25 THE EFFECT OF PARENTAL INCOME ON CHILDREN'S BMI.

BM Rodriguez, D Jhang, R Guest, C Irani and M Baum, Loma Linda, CA. Loma Linda University

Abstract 97

11:29 DRUG USE AND THE DESIRE TO QUIT AMONG YOUTHS EXPERIENCING UNSTABLE HOUSING.

JL Carlson, M Castella-Chin, BM Rodriguez, C Irani and M Baum, Loma Linda, CA. Loma Linda University

Abstract 98

11:37 QUESTION AND ANSWERS

Endocrinology and Metabolism I

Room 2

Jacob J. Stuppy, Presiding

11:05 DIABULIMIA: THE HIDDEN EATING DISORDER.

A Khine and R Kinman, Fresno, CA. UCSF-Fresno

Abstract 99

11:09 RETROSPECTIVE ANALYSIS OF TOTAL PANCREATECTOMY WITH ISLET AUTO TRANSPLANTATION OUTCOMES IN PEDIATRIC PATIENTS WITH CHRONIC PANCREATITIS.

NJ Khatter, JA Mark, G Forlenza and TM Triolo, Auburn Hills, MI; Aurora, CO; Denver, CO. University of Colorado Denver School of Medicine

Abstract 100

11:13 HYPERCALCEMIA HERALDS POOR OUTCOMES IN MULTIPLE MYELOMA.
K Gonzales, MR Burge, LC Sanchez and E Choi, Albuquerque, NM. *University of New Mexico Health Sciences Center*

Abstract 101

11:17 IMPAIRED DIETARY DECISION-MAKING IN YOUTH WITH CONGENITAL ADRENAL HYPERPLASIA.

LN Overholtzer, S Luo, S Lim, E Kim, N Fraga, M Herting, VK Tanawattanacharoen, M Geffner and MS Kim, Los Angeles, CA; Kansas City, MO. *Children's Hospital Los Angeles University of Southern California (WAFMR)*

Abstract 102

11:21 ANALYSIS OF ENIGMA GENE-SIGNALING PATHWAYS IN THYROID CANCER.

R Niihara, N Churdsuwanrak, K Rood, C Yamauchi, K Wright, S Adil, S Mirshahidi, M Perez, A Simental, A Firek and S Khan, Loma Linda, CA. *Loma Linda University*

Abstract 103

11:25 ONE MONTH OF SUPPLEMENTAL TESTOSTERONE DOES NOT SIGNIFICANTLY CHANGE THE METABOLOME IN TRANSGENDER MALES.

J Lo, K Alexander, A D'Alessandro, T Heap, S Staggs, N Nokoff and M Cree-Green, Aurora, CO. *University of Colorado Anschutz (WSMRF)*

Abstract 104

11:29 INTERVENTIONS TO ADDRESS HEALTH DISPARITIES IN MANAGEMENT OF DIABETIC RETINOPATHY AMONG AFRICAN AMERICANS IN THE UNITED STATES (US).

S Marquina, S Afzal, R Chava, A Cheong, I Dastgheib, J Hockman, N Lingineni and B Afghani, Irvine, CA; Orange, CA. *UC Irvine School of Medicine (WSMRF)*

Abstract 105

11:33 11-OXYGENATED ANDROGEN METABOLITE CONCENTRATIONS ARE AFFECTED BY PUBERTAL PROGRESSION AND OBESITY.

E Breslow, A Taylor, C Severn, CL Chan, L Pyle, M Kelsey and M Cree-Green, Aurora, CO. *U of Colorado Anschutz*

Abstract 106

11:37 QUESTION AND ANSWERS

Healthcare Research III - Machine

Room 3

Matthew D. McEchron, Presiding

11:05 DEVELOPMENT AND EVALUATION OF A VOLUMETRIC ASSESSMENT TOOL USING AN IOS-BASED APP FOR THREE-DIMENSIONAL CLINICAL MEASUREMENTS.

B Andreasen and S Gupta, Redlands, CA. Loma Linda University School of Medicine

Abstract 107

11:09 DIAGNOSING MUSCULOSKELETAL DISEASES USING ARTIFICIAL INTELLIGENCE AND ENSEMBLE MACHINE LEARNING.

JH Miao and KH Miao, Stony Brook, NY; Ithaca, NY; New York, NY. Stony Brook University Renaissance School of Medicine Cornell University

Abstract 108

11:13 PAIN DETECTION AND DIAGNOSIS USING MACHINE LEARNING.

KH Miao and JH Miao, New York, NY; Ithaca, NY; Stony Brook, NY. New York University School of Medicine Cornell University

Abstract 109

11:17 TELEMEDICINE SOLUTIONS TO IMPROVE HIV PRE-EXPOSURE PROPHYLAXIS ACCESS IN FREMONT COUNTY, WY.

HJ True, Laramie, WY. University of Washington School of Medicine

Abstract 110

11:21 EFFICACY OF A HIGH SCHOOL ECOSYSTEM PROGRAM ON UNDERREPRESENTED MINORITY STUDENT ATTAINMENT OF HEALTH PROFESSIONAL CAREERS.

E Williams and N Hinds, Los Angeles, CA. University of Washington School of Medicine

Abstract 111

11:25 EVALUATING ETHICAL CONCERNS WITH MACHINE LEARNING TO GUIDE ADVANCE CARE PLANNING.

D Cagliero, N Deutch, N Shah and D Char, Bethesda, MD; Toronto, ON, Canada; Stanford, CA. Stanford University (WSPR)

Abstract 112

11:29 HUMAN-CENTERED DESIGN IN RESPONSE TO A PANDEMIC: A HEALTH SYSTEM AND INNOVATION CENTER COLLABORATION.

S Simister, SC Wasden, B McRae, S Jayaraman and B Fassl, Salt Lake City, UT. The University of Utah School of Medicine

Abstract 113

11:33 CONTENT ANALYSIS OF FREQUENCY OF INFORMATION ABOUT DEVELOPMENTAL DYSPLASIA OF THE HIP ON TWITTER.

N Kodali, BV Sidhu, E Schaeffer, J So, E Habib and K Mulpuri, Vancouver, BC, Canada. BC Children's Hospital

11:37 QUESTION AND ANSWERS

Neonatology Pulmonary

Room 4

Clyde Wright, Presiding

11:05 ACETAMINOPHEN-INDUCED NEONATAL LUNG INJURY AND DEVELOPMENTALLY REGULATED CYP2E1 EXPRESSION.

E Dobrinskikh, T Sizemore, L Sherlock, D Balasubramanian, R de Dios, L Zheng and CJ Wright, Aurora, CO. University of Colorado (Mead Johnson Merit Award Neonatology Pulmonary) (WSPR)

Abstract 115

11:09 IMPAIRED INFANT LUNG GROWTH AND FUNCTION IN MICE WITH GENETIC DELETION OF ENDOTHELIAL CELL-SPECIFIC VITAMIN D RECEPTOR EXPRESSION.

E Bye, T Gonzalez, G Seedorf, E McGinn, B Smith, J Fleet, SH Abman and E Mandell, Aurora, CO; Austin, TX. University of Colorado Denver School of Medicine

Abstract 116

11:13 THE EFFECT OF SEROTONIN DEPLETION ON HYPOXIA INDUCED BRONCHOPULMONARY DYSPLASIA AND PULMONARY HYPERTENSION IN MICE.

D Roberts, L Sherlock, J Posey, J Maltzahn, E Nozik-Grayck and C Delaney, Aurora, CO. University of Colorado Anschutz Medical Campus

Abstract 117

11:17 ANGIOPOIETIN LIKE PROTEIN-3 EXPRESSION IN NEONATAL LUNG AND ITS ROLE IN EXPERIMENTAL BPD.

M Sahni, K Sandhu, P Das, V Prahaladan, D Shah and V Bhandari, Boulder City, NV; Las Vegas, NV; Camden, NJ; Philadelphia, PA. Pediatrix Medical Group, Sunrise Children's Hospital University of Nevada Las Vegas

Abstract 118

11:21 PROSTACYCLIN ANALOG TREPROSTINIL ENHANCES NEONATAL RAT LUNG ENDOTHELIAL CELL GROWTH AND ANGIOGENESIS *IN VITRO*.

KG Thayapran, G Seedorf and SH Abman, Aurora, CO. University of Colorado School of Medicine

Abstract 119

11:25 IUGR REDUCES PHOSPHOLIPID CONTAINING DHA IN THE DEVELOPING RAT LUNG.

A Cohen, H Wang, J Cox, A Maschek and L Joss-Moore, Salt Lake City, UT. University of Utah Health

Abstract 120

11:29 BLOOD TRANSFUSION IN PRETERM INFANTS AND THE SUBSEQUENT DEVELOPMENT OF BRONCHOPULMONARY DYSPLASIA.

T Lum, J Sugar, R Yim, S Fertel, A Morales and A Katheria, Pomona, CA; San Diego, CA. Western University of Health Sciences Sharp Mary Birch Hospital for Women and Newborns (WSMRF)

Abstract 121

11:33 ACTIVE VITAMIN D IS SAFE FOR POSTNATAL SUPPLEMENTATION IN NEWBORN RATS.

E McGinn, E Bye, T Gonzalez, G Seedorf, B Smith, J Fleet, SH Abman and E Mandell, Denver, CO; Austin, TX. University of Colorado

Abstract 122

11:37 QUESTION AND ANSWERS

12:00 PM – 1:00 PM BREAK

**WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR PEDIATRIC RESEARCH**

PLENARY AWARD SESSION AND PRESENTATIONS

Room 1

Everardo Cobos and Josephine Enciso, Presiding

1:00 WELCOME and INTRODUCTIONS

1:10 AFMR HENRY CHRISTIAN AWARD

SMOOTH MUSCLE CELL PIEZO1 IN SMALL BOWEL CONTRACTILITY AND GROWTH.

G Bautista, Y Du, N Martin and M Martin, Los Angeles, CA; Northridge, CA. University of California Los Angeles (WAFMR)

Abstract 123

1:25 WSPR ABBOTT NUTRITION LOWELL GLASGOW STUDENT RESEARCH AWARD

LIPID EMULSION WITH FISH OIL AND EXTREMELY PREMATURE INFANTS: CLINICAL OUTCOMES.

LJ Lee, E Kim, T Romero and KL Calkins, Los Angeles, CA. University of California Los Angeles David Geffen School of Medicine (WAFMR)

Abstract 124

1:40 WSPR ABBOTT NUTRITION DAVID W. SMITH AWARD

INVESTIGATING FETAL BODY COMPOSITION USING MAGNETIC RESONANCE IMAGING.

K Strobel, S Kafali, S Shih, HH Wu and KL Calkins, Los Angeles, CA. University of

- 1:55 WSPR ABBOTT NUTRITION YOUNG INVESTIGATOR RESEARCH AWARD
INVESTIGATING CARDIOMETABOLIC HEALTH AND
NEURODEVELOPMENT IN XXY/KLINEFELTER SYNDROME.**
Shanlee Davis, University of Colorado

CONCURRENT SESSIONS

Friday, January 29, 2021

2:20 PM – 3:15 PM

Jointly sponsored by

**WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR PEDIATRIC RESEARCH**

**Adolescent Medicine and Behavior Development III.....Room 1
Hematology and Oncology.....Room 2
Neonatology General III.....Room 3
Surgery I.....Room 4**

Adolescent Medicine and Behavior Development III

Room 1

Allison G. Dempsey, Presiding

- 2:20 USING MYHEARTSMAP TO MEASURE THE ASSOCIATION BETWEEN
PSYCHOSOCIAL FACTORS AND PERSISTENT POST-CONCUSSIVE
SYMPTOMS IN CHILDREN.**

*S Sparanese, KO Yeates, MH Beauchamp, R Zemek, W Craig and Q Doan, Vancouver,
BC, Canada; Ottawa, Canada; Montreal, Canada; Edmonton, Canada; Calgary, Canada.
The University of British Columbia Faculty of Medicine*

Abstract 126

- 2:24 QUALITY ASSESSMENT OF YOUTUBE AS AN INFORMATION SOURCE FOR
PUBLIC EDUCATION RELATED TO NATIONAL STANDARDS FOR
CONCUSSION ASSESSMENT IN ATHLETIC YOUTHS. .**

B Stothers and A Macnab, Vancouver, BC, Canada. The University of British Columbia

Abstract 127

- 2:28 DEVELOPING TOOLS TO IMPROVE PARENT HEALTH LITERACY IN
NEPHROTIC SYNDROME.**

*EK Chan and J Usprech, Vancouver, BC, Canada. The University of British Columbia
(WSMRF)*

Abstract 128

- 2:32 RACIAL DISPARITIES IN PAIN MANAGEMENT OF CHILDREN IN THE EMERGENCY DEPARTMENT (ED).**
HV Dayag, C Diyakonov, I Kane Gomez, A Martinez, H Samiullah, N Smyth and B Afghani, Irvine, CA; Orange, CA. UC Irvine School of Medicine (WSMRF)
 Abstract 129
- 2:36 PATIENT- AND PROVIDER-LEVEL PREDICTORS OF INAPPROPRIATE IMAGING IN PEDIATRIC UROLOGY REFERRALS.**
A Nguyen, MB Iyer and K Kieran, Seattle, WA. University of Washington School of Medicine Seattle Children's Hospital
 Abstract 130
- 2:40 URINARY TRACT INFECTIONS AND ASSOCIATED RISK FACTORS IN CHILDREN WITH PRENATAL HYDRONEPHROSIS.**
C McKinney, C Ware, M Reimer, M Keheila, A Amasyali, D Chamberlin, C Chen, M Chau and J Chamberlin, Loma Linda, CA. Loma Linda University
 Abstract 131
- 2:44 VARIABLE DRUG AND ALCOHOL USE AMONG YOUTHS EXPERIENCING UNSTABLE HOUSING AND VARIABLE PARENTAL SITUATIONS.**
JL Carlson, BM Rodriguez, M Castella-Chin, C Irani and M Baum, Loma Linda, CA. Loma Linda University
 Abstract 132
- 2:48 ARE HOUSING INSTABLE LGBTQ YOUTH AT GREATER RISK FOR ABUSE IN SAN BERNARDINO?**
M Castella-Chin, JL Carlson, BM Rodriguez, C Irani and M Baum, Loma Linda, CA. Loma Linda University
 Abstract 133
- 2:52 QUESTIONS AND ANSWERS**
- Hematology and Oncology**
 Room 2
Everardo Cobos, Presiding
- 2:20 EGFR, ERBB2 AND ERBB4 FUSIONS ARE RECURRENT ALTERATIONS IN MULTIPLE CANCER TYPES.**
L Schubert and RC Doebele, Aurora, CO. University of Colorado School of Medicine
 Abstract 134
- 2:24 CDK8-MEDIATOR COMPLEX PLAYS POSITIVE TRANSCRIPTIONAL ROLE IN MYC-AMPLIFIED MEDULLOBLASTOMA.**
C Ritz, K Madhavan, S Venkataraman and R Vibhakar, Aurora, CO. University of Colorado (WAFMR Subspecialty Award)
 Abstract 135
- 2:28 USE OF NATURAL PRODUCTS AND OVER THE COUNTER SUPPLEMENTS**

IN BREAST CANCER.

M Hauer, A Rossi and J Funk, Tucson, AZ. The University of Arizona College of Medicine Tucson

Abstract 136

2:32 ASSOCIATIONS BETWEEN COFFEE OR TEA CONSUMPTION AND RISK OF UPPER AERODIGESTIVE TRACT CANCERS.

CJ Yang and M Kawasumi, Seattle, WA. University of Washington

Abstract 137

2:36 CAFFEINATED OR DECAFFEINATED COFFEE CONSUMPTION AND RISK OF CANCER INCIDENCE: A META-ANALYSIS OF PROSPECTIVE COHORT STUDIES.

TN Nguyen, D Eng and M Kawasumi, Seattle, WA. University of Washington School of Medicine

Abstract 138

2:40 HISTONE DEMETHYLASE KDM4B: A NOVEL EPIGENETIC TARGET IN ATYPICAL TERATOID/RHABDOID TUMOR (ATRT).

EJ Wang, I Alimova, S Venkataraman and R Vibhakar, Aurora, CO. University of Colorado Denver School of Medicine

Abstract 139

2:44 UNIVERSITY OF BRITISH COLUMBIA NEPAL SICKLE CELL PROJECT STATUS REPORT 2015-2020.

S Lim, J Taylor, K Patterson, SY Starkey, K Gray and C Lanz, Vancouver, BC, Canada. The University of British Columbia Faculty of Medicine

Abstract 140

2:48 QUALITY OF LIFE AND COMORBID MENTAL HEALTH CONDITIONS IN PATIENTS WITH CUTANEOUS T-CELL LYMPHOMA.

T Olmstead, M Shinohara and D Hippe, Seattle, WA. University of Washington School of Medicine

Abstract 141

2:52 QUESTIONS AND ANSWERS

Neonatology General III

Room 3

Alison Chu, Presiding

2:20 PREDICTORS OF VENOUS THROMBOEMBOLISM IN NEONATES: A PEDIATRIC HEALTH INFORMATION SYSTEM STUDY.

MC Easterlin, Y Li, L Yieh, C Gong, P Friedlich and A Lakshmanan, Los Angeles, CA. LAC+USC Medical Center

Abstract 142

2:24 SOCIODEMOGRAPHIC FACTORS ASSOCIATED WITH ATTENDANCE AT

HIGH RISK INFANT FOLLOW-UP CLINIC AMONG NEONATES WITH HYPOXIC ISCHEMIC ENCEPHALOPATHY.

A Cera, JG Anderson and P Joe, Oakland, CA. UCSF Benioff Children's Hospital Oakland

Abstract 143

2:28 THE IMPACT OF LOW HEMATOCRIT AT BIRTH ON VERY LOW BIRTH WEIGHT INFANTS.

A Hisey, S Sakhamuru, T Tagliaferro, L Barton, R Ramanathan and M Biniwale, Los Angeles, CA. Keck School of Medicine LAC + USC Medical Center (WSMRF)

Abstract 144

2:32 NEURODEVELOPMENTAL OUTCOME AT 18 MONTHS OF CORRECTED AGE FOR LATE PRETERM INFANTS BORN AT 34 AND 35 GESTATIONAL WEEKS.

R Nakasone, K Fujioka and K Iijima, Kobe, Japan. Kobe University Graduate School of Medicine (WSPR)

Abstract 145

2:36 QUESTIONS AND ANSWERS

**2:45 *Stanford University Department of Pediatrics Philip Sunshine State-of-the-Art Speaker* NEONATAL ANEMIA AND IRON MANAGEMENT IN THE NEWBORN.
*Sunny Juul, University of Washington***

Surgery I

Room 4

Subhas Gupta and Lee Wong, Presiding

2:20 SIMULATION OF POST-PROCEDURAL COMPRESSION ON AUTOLOGOUS FAT GRAFTS: A PILOT STUDY.

H Peterson, A Park and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine (WAFMR Subspecialty Award) (WSMRF)

Abstract 146

2:24 FAT GRAFT HARVEST ERGONOMICS: CHARACTERIZATION OF FORCE BASED ON ANATOMICAL LOCATION AND CANNULA SIZE.

A Park, H Peterson and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine (WSMRF)

Abstract 147

2:28 A PILOT STUDY TO EVALUATE A SIMPLE SHORT-TERM STORAGE METHOD FOR PRESERVATION OF HARVESTED LIPOASPIRATE.

A Park, H Peterson and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine (WSMRF)

Abstract 148

2:32 A CLUSTER OF COMP, SFRP4, LEF1 AND PDGFRB GENES PREDICTS WORSE SURVIVAL FOR COLON CANCER PATIENTS ESPECIALLY IN THE

YOUNG.

E Wusterbarth, P Omesiete, A Cruz, J Jandova and V Nfonsam, Tucson, AZ. The University of Arizona College of Medicine Tucson

Abstract 149

2:36 APPLYING PROCESS IMPROVEMENT TO AUTOLOGOUS FAT TRANSFER: RANKING QUALITY OF EVIDENCE.

H Peterson, A Park and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine (WSMRF)

Abstract 150

2:40 APPLYING PROCESS IMPROVEMENT METHODOLOGY TO AUTOLOGOUS FAT TRANSFER: A GUIDE TO FUTURE RESEARCH.

H Peterson, A Park and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine (WSMRF)

Abstract 151

2:44 IDEAL CANNULA CHARACTERISTICS FOR INCREASED ADIPOSE CELL VIABILITY IN AUTOLOGOUS FAT GRAFTING MEASURED WITH ALAMAR BLUE ASSAY.

A Park, H Peterson and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine (WSMRF)

Abstract 152

2:48 EXAMINING THE DISEASE BURDEN OF THE DIFFUSE SCLEROSING VARIANT OF PAPILLARY THYROID CARCINOMA, A RETROSPECTIVE REVIEW.

C Brady, E Rudzinski, J Dahl, S Manning and D Hawkins, Seattle, WA. University of Washington (WSMRF)

Abstract 153

2:52 QUESTIONS AND ANSWERS

CONCURRENT SESSIONS

Friday, January 29, 2021
3:15 PM – 4:10 PM

Jointly sponsored by

WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR PEDIATRIC RESEARCH

Genetics II.....Room 1
Neonatology General IV.....Room 2
Pulmonary and Critical Care.....Room 3
Surgery II.....Room 4

Genetics II

Room 1

Kristen Wigby, Presiding

3:15 MECP2 MUTATIONS IN TWO MALE PATIENTS AND NATURAL HISTORY OF THE DISEASE.

MK Haanpää, Turku, Finland. Turun yliopisto Laaketieteellinen tiedekunta

Abstract 154

3:19 ATYPICAL PRESENTATION OF IMPRINTING DEFECT ANGELMAN SYNDROME WITH EXPRESSIVE LANGUAGE.

R Punatar, A Egense and SP Shankar, Sacramento, CA. UC Davis

Abstract 155

3:23 A CASE OF FAMILIAL COL4A1 MUTATIONS, AN IMPORTANT DIFFERENTIAL DIAGNOSIS ON NEONATAL PORENCEPHALY.

LT Forero, M del Campo, J Friedman and R Troxell, San Diego, CA; La Jolla, CA. University of California San Diego

Abstract 156

3:27 A CONNECTION BETWEEN BREAST CANCER AND HIRSCHSPRUNG DISEASE? THE ANSWER MAY JUST BE *RET* UNDER OUR NOSES.

C Verscaj, B Nightingale and DR Matalon, Stanford, CA. Stanford University

Abstract 157

3:31 QUESTIONS AND ANSWERS

3:40 *Abbott Nutrition Morphogenesis and Malformations State-of-the-Art Speaker*

ANGELMAN SYNDROME: BEDSIDE, BENCH AND BEYOND.

Lynne Bird, University of California, San Diego Rady Children's Hospital

Neonatology General IV

Room 2

Valerie Y. Chock, Presiding

- 3:15 EFFECT OF BRAIN TEMPERATURE AND INJURY SEVERITY ON APPARENT DIFFUSION COEFFICIENT CHANGES IN NEWBORNS UNDERGOING THERAPEUTIC HYPOTHERMIA.**
C Zenobi, J Wisnowski, B Tamrazi, S Bluml and T Wu, Los Angeles, CA. USC/LAC+USC Medical Center
Abstract 158
- 3:19 ASSOCIATION BETWEEN UMBILICAL CORD MANAGEMENT AND 5 MINUTE PERIPHERAL OXYGENATION IN PRETERM INFANTS.**
S Wong, R Yim, D Poeltler, W Rich, S Sanjay and A Katheria, Pomona, CA; San Diego, CA. Western University of Health Sciences College of Osteopathic Medicine of the Pacific Sharp Mary Birch Hospital for Women & Newborns
Abstract 159
- 3:23 HIGHER RATES OF READMISSION FOR PHOTOTHERAPY IN TERM INFANTS EXPOSED TO DELAYED CORD CLAMPING.**
M Chu, S Sakhamuru, JJ Keel, L Barton, R Ramanathan and R Cayabyab, Los Angeles, CA. University of Southern California Keck School of Medicine (WSMRF)
Abstract 160
- 3:27 QUALITY IMPROVEMENT INITIATIVE TO INCREASE THE CONSISTENCY AND EFFECTIVENESS OF IRON SUPPLEMENTATION FOR NICU PATIENTS.**
TM Bahr, NR Carr, TR Christensen, J Wilkes, OA Elizabeth, K German, RK Ohls, D Ward and RD Christensen, Salt Lake City, UT; Seattle, WA. University of Utah
Abstract 161
- 3:31 NEONATAL HYPOTENSION AND RELATIONSHIP WITH CEREBRAL SATURATION.**
KJ McKim, S Lucafo, S Bhombal, L Bain and VY Chock, Palo Alto, CA; Burlington, MA. Stanford University School of Medicine (WSPR)
Abstract 162
- 3:35 TRENDS IN GASTROSTOMY TUBE PLACEMENT AND REOURCE UTILIZATION IN DOWN SYNDROME NEONATES IN THE UNITED STATES, 2006-2017.**
H Doshi, S Shukla, S Patel, N Bhatt, F Dapaah-Siakwan and K Donda, Jacksonville, FL; Fort Myers, FL; Tampa, FL; Seattle, WA; Madera, CA. Golisano Children's Hospital of Southwest Florida
Abstract 163
- 3:39 IMPROVING PLACENTAL TRANSFUSION RATES AT UCSD.**
M Karmarkar and E Fernandez, La Jolla, CA. University of California San Diego (WSPR)
Abstract 164

3:43 THE EFFECTS OF PARENTAL LEAVE POLICIES ON PEDIATRIC FELLOWS.
N Dyess, B Weikel, J Barker, T Garrington and TA Parker, Aurora, CO. University of Colorado Denver School of Medicine (WSPR)

Abstract 165

3:47 QUESTIONS AND ANSWERS

Pulmonary and Critical Care

Room 3

Vipul Jain and Joshua Solomon, Presiding

3:15 HYPERGLYCEMIA AND HYPOGLYCEMIA CONTRIBUTIONS TO ACUTE RESPIRATORY DISTRESS SYNDROME.
JJ Repine, PV Wilson, ND Elkins and JE Repine, Denver, CO. University of Colorado (WAFMR Subspecialty Award)

Abstract 166

3:19 ASSOCIATION OF SMALL ADULT VENTILATION BAGS WITH RETURN OF SPONTANEOUS CIRCULATION IN OUT OF HOSPITAL CARDIAC ARREST.
BD Snyder, NE Bulger, RG Walker, AJ Latimer, BY Yang, C Maynard, NJ Johnson, T Rea, CR Counts and M Sayre, Anchorage, AK; Redmond, WA; Seattle, WA. University of Washington School of Medicine

Abstract 167

3:23 DIAGNOSTIC UTILITY OF POINT-OF-CARE ULTRASOUND IN THE EVALUATION OF NECROTIZING SOFT TISSUE INFECTIONS.
A Wesley, A Ratesic, R Kelley, S Adhikari and O Rizvi, Tucson, AZ. The University of Arizona College of Medicine Tucson (WSMRF)

Abstract 168

3:27 EMERGENT CRICOTHYROTOMY TRAINING FOR NON-SURGEONS.
C Zagana-Prizio and J Maloney, Aurora, CO. University of Colorado Denver School of Medicine (WAFMR)

Abstract 169

3:31 BARRIERS AND FACILITATORS TO LONGITUDINAL LUNG CANCER SCREENING: A QUALITATIVE STUDY.
AK Holman, EK Kross, K Crothers, AM Cole and M Triplette, Seattle, WA. University of Washington

Abstract 170

3:35 POINT OF CARE ULTRASOUND EVALUATION OF AIRSPACE DISEASE BEFORE AND AFTER PROLONGED SURGERY.
S James, E Gow-Lee, J Hinson, M Martinez, B Austin and D Ramsingh, Loma Linda, CA. Loma Linda University School of Medicine

Abstract 171

3:39 EMBOLIZATION OF SUPERIOR MESENTERIC ARTERIOVENOUS FISTULA IDENTIFIED DURING CONSULTATION FOR A TRANSJUGULAR INTRAHEPATIC PORTOSYSTEMIC SHUNT PROCEDURE.

A Shinagawa, Z Billah, K Kansagra, K Lam and G Vatakencherry, Reno, NV; Los Angeles, CA. University of Nevada Reno School of Medicine

Abstract 172

3:43 TIME-TO-PRESCRIPTION OF TRIKAFTA FOR REMOTE AND LOCAL PEOPLE WITH CYSTIC FIBROSIS.

R Loudenback, K Daratha, KB Daratha and AA Lambert, Spokane, WA. University of Washington School of Medicine

Abstract 173

3:47 QUESTIONS AND ANSWERS

Surgery II

Room 4

Subhas Gupta and Lee Wong, Presiding

3:15 QUALITY ASSESSMENT OF SURVEYS ADMINISTERED TO PEDIATRIC ORTHOPAEDIC SURGEONS.

C Matthews, A Vasireddi, E Schaeffer and K Mulpuri, Vancouver, BC, Canada. BC Children's Hospital

Abstract 174

3:19 FACTORS INFLUENCING FEMALE MEDICAL STUDENTS' DECISIONS TO PURSUE SURGICAL SPECIALTIES: A SYSTEMATIC REVIEW.

E O'Rorke, L Trinh and M Mulcahey, Vancouver, WA; New Orleans, LA. Elson S. Floyd College of Medicine

Abstract 175

3:23 ASSOCIATION OF NEURAXIAL ANESTHESIA WITH POSTOPERATIVE OPIOID USE IN PEDIATRIC BURN PATIENTS.

J Chen, P Nguyen and J Liu, Sacramento, CA. University of California Davis (WAFMR)

Abstract 176

3:27 PAIN ASSESSMENT FOR OFFICE BASED UROLOGIC PROCEDURES.

L Hunt, R Hahn, D LaTour, S Tamares, B Crawley and D Baldwin, Loma Linda, CA. Loma Linda University

Abstract 177

3:31 A CALL TO BRIDGE THE DIVIDE IN BREAST RECONSTRUCTION RESEARCH: A SYSTEMATIC REVIEW.

R Xu, S Yuan, N Almuqaimi, M Elemi and K Isaac, Vancouver, BC, Canada; San Antonio, TX. The University of British Columbia Faculty of Medicine (WSMRF)

Abstract 178

3:35 THE IMPACT OF PATIENT, SURGICAL, AND STAFFING FACTORS UPON

PERCUTANEOUS NEPHROLITHOTOMY COST.

J Lee, M Keheila, A Amasyali, N Chen, N Srikureja, j belle and D Baldwin, Loma Linda, CA. Loma Linda University

Abstract 179

3:39 RISK FACTORS FOR HYPOSPADIAS REPAIR.

B Stanyer, G Harianja, M Keheila, D Chamberlin, M Chau, C Chen and J Chamberlin, Loma Linda, CA. Loma Linda University (WSMRF)

Abstract 180

3:43 A RETROSPECTIVE STUDY OF RISK FACTORS AND OUTCOMES IN THE SURGICAL MANAGEMENT OF SLIPPED CAPITAL FEMORAL EPIPHYSIS.

W Jin, S Farrell, E Habib, A Sandhu, J Bone, E Schaeffer and K Mulpuri, Vancouver, BC, Canada; South Brisbane, Australia. BC Children's Hospital

Abstract 181

3:47 QUESTIONS AND ANSWERS

CONCURRENT SESSIONS

Friday, January 29, 2021

4:20 PM – 5:15 PM

Sponsored by

**WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR PEDIATRIC RESEARCH**

**GastroenterologyRoom1
Surgery IIIRoom 2**

Gastroenterology

Room 1

Lukejohn Day, Presiding

4:20 CLINICAL ASSOCIATIONS WITH MYELOID-DERIVED SUPPRESSOR CELL (MDSC) LEVELS IN HEPATOCELLULAR CARCINOMA (HCC) PATIENTS.

K Franke, L Yu, M Apodaca, R Yeung, W Harris and C Morishima, Seattle, WA. University of Washington

Abstract 182

4:24 THE ROLE OF GUT MICROBIOTA AND DIET IN HEALTH OUTCOME OF COVID-19 PATIENTS WITH COMORBIDITIES.

E Eshaghian, B Singh and M Covasa, Pomona, CA. Western University of Health Sciences College of Osteopathic Medicine of the Pacific

Abstract 183

4:28 SYSTEMATIC REVIEW OF RESIDENT DISCREPANCIES IN EMERGENCY ABDOMINAL RADIOLOGY.

M Rupasinghe, T Bui, R Mehta, J Glavis-Bloom, K Tran-Harding and R Houshyar, Orange, CA. University of California Irvine

Abstract 184

4:32 CHARACTERIZING THE MORPHOLOGIC SPECTRUM OF DIVERTICULOSIS AND ASSOCIATING RISK OF DEVELOPING DIVERTICULITIS.

M Levy, LL Strate and RL Kosowicz, Seattle, WA. University of Washington School of Medicine (WSMRF)

Abstract 185

4:36 CONGENITAL NARROWING OF CBD AND PANCREATIC DUCT CAUSING PANCREATITIS IN OTHERWISE HEALTHY 18 Y/O FEMALE.

U Brar, Fresno, CA. Adtalem Global Education Inc

Abstract 186

4:40 DIGITAL CLUBBING AND EOSINOPHILIC ESOPHAGITIS.

J Liu, PC Do and M Haight, Fresno, CA. UCSF Fresno Center for Medical Education and Research Edward and Ann Hildebrand Medical Library

Abstract 187

4:44 BLINDNESS IN A HEALTHY CHILD.

R Gonzalez, C Schmidt, and J Snider, Madera, CA. Valley Children's Healthcare

Abstract 188

4:52 QUESTIONS AND ANSWERS

Surgery III

Room 2

Subhas Gupta and Lee Wong, Presiding

4:20 AN EVALUATION OF THE IMPACT OF 0.05% CHLORHEXIDINE ON THE PREVALENCE OF SURGICAL SITE INFECTIONS IN AESTHETIC BREAST SURGERY.

Y Han, V Lee, NK Srikureja and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine

Abstract 189

4:24 INTRAOPERATIVE MANEUVERS TO OPTIMIZE THE HEALING OF SURGICAL INCISIONS: AN EVIDENCE-BASED REVIEW.

Y Han, V Lee, S Gupta, K McMath, KB Hanson and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine

Abstract 190

4:28 DOES THE NOVEL THULIUM LASER GENERATE MORE HEAT THAN THE CONVENTIONAL HOLMIUM LASER?

NK Srikureja, JD Belle, N Chen, M Keheila, AS Amasyali and D Baldwin, Loma Linda, CA. Loma Linda University

Abstract 191

**4:32 COMPARISON OF THULIUM FIBER LASER CORE DIAMETERS
IN TREATING IN SITU LOWER POLE NEPHROLITHIASIS.**

N Chen, A Amasyali, N Srikureja, J Lee, JD Belle, M Keheila and D Baldwin, Redlands, CA. Loma Linda University

Abstract 192

**4:36 RETROSPECTIVE COHORT ASSESSMENT OF PROKINETIC PROPERTIES
OF AZITHROMYCIN ON POSTOPERATIVE ILEUS.**

R Ong, I Dorotta, M Eby and R Raval, Loma Linda, CA. Loma Linda University School of Medicine

Abstract 193

**4:40 IMPACT OF MONTGOMERY T-TUBES ON TREATMENT OF
LARYNGOTRACHEAL STENOSIS AND VOICE OUTCOMES.**

R Hahn, D LaTour, P Krishna and B Crawley, Studio City, CA. Loma Linda University School of Medicine

Abstract 194

**4:44 SURGICAL DEBRIDEMENT FREQUENCY DURING USE OF NEGATIVE
PRESSURE WOUND THERAPY WITH INSTILLATION VERSUS CONTROL: A
SYSTEMATIC REVIEW AND META-ANALYSIS.**

E O'Rorke, RM Gold and A Gabriel, Vancouver, WA; Loma Linda, CA. Elson S. Floyd College of Medicine

Abstract 195

**4:48 INITIAL EXPERIENCE WITH CLOSED INCISION NEGATIVE PRESSURE
THERAPY SPECIALTY DRESSING OVER STERNAL RECONSTRUCTION
INCISIONS.**

C Lee, E O'Rorke and A Gabriel, Vancouver, WA; Loma Linda, CA. Elson S Floyd College of Medicine

Abstract 196

4:52 QUESTIONS AND ANSWERS

**WESTERN SOCIETY FOR PEDIATRIC RESEARCH
PLENARY**

**Saturday, January 30, 2021
8:00 AM – 9:00 AM**

Room 1

Josephine Enciso, Presiding

**8:00 WSPR STANLEY WRIGHT MEMORIAL LECTURE
HEALTHCARE DISPARITIES RESEARCH AS A WAY TO THE IMPROVE
HEALTHCARE SYSTEM.**

Ricardo Correa, University of Arizona College of Medicine Phoenix

CONCURRENT SESSIONS

**Saturday, January 30, 2021
9:00 AM – 9:55 AM**

Jointly sponsored by

**WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR PEDIATRIC RESEARCH**

**Cardiovascular I.....Room 1
Neonatology – Perinatal Biology I.....Room 2
Neuroscience IIRoom 3
Adolescent Medicine and Behavior Development IV.....Room 4**

Cardiovascular I

Room 1

Robert Ross, Presiding

**9:00 CARDIAC SODIUM/CALCIUM EXCHANGER IS NECESSARY FOR NORMAL
ATRIOVENTRICULAR NODE FUNCTION.**

*AT Hazan, R Zhang, S Lotteau, T Ribeiro Mesquita, Y Lin, D Gonzalez, N Cuk, KD
Philipson, M Ottolia and JI Goldhaber, Los Angeles, CA. Cedars Sinai Medical Center
(WAFMR Subspecialty Award)*

Abstract 197

**9:04 THE VAGRANCIES OF DONOR SELECTION: IS QUALITY THAT
IMPORTANT?**

*K Tor, T Singer-Englar, N Patel, M Hamilton and J Kobashigawa, Omaha, NE; Los
Angeles, CA. Creighton University*

Abstract 198

- 9:08 4D-FLOW MRI INTRACARDIAC FLOW HEMODYNAMIC PATTERNS CAN PHENOTYPE PULMONARY HYPERTENSION SUBTYPES.**
LK Ross, AJ Barker, BS Frank, K Hunter, GJ Morgan, MB Mitchell, BE Fenster, M Schäfer and D Ivy, Denver, CO; Aurora, CO. University of Colorado Denver School of Medicine
Abstract 199
- 9:12 PHOSPHOLAMBAN AND A-KINASE ANCHORING PROTEIN 6 MODULATION OF CALCIUM CYCLING IN THE HEART.**
F Hakem Zadeh, AC Teng, U Kuzmanov, PJ Chambers, AR Tupling and AO Gramolini, Toronto, Canada; Pomona, CA; Waterloo, Canada. University of Toronto Faculty of Medicine Translational Biology and Engineering Program Western University of Health Sciences College of Osteopathic Medicine of the Pacific
Abstract 200
- 9:16 MYOCARDIAL INJURY BUT NOT DYSFUNCTION IDENTIFIES HOSPITALIZED PATIENTS WITH COVID-19 AT HIGH MORTALITY RISK.**
ET Vazquez, KB Atsina, A Shulkin, EC Toledo and JE Lopez, Sacramento, CA. UC Davis Health
Abstract 201
- 9:20 DONOR HEART CORONARY CALCIFICATION: IS IT BAD?**
P Hage, N Patel, T Singer-Englar, M Hamilton and J Kobashigawa, Los Angeles, CA. Smidt Heart Institute, Cedars-Sinai
Abstract 202
- 9:24 PROPHYLAXIS FOR CHAGAS DISEASE REACTIVATION: IS IT NECESSARY?**
M Oda, T Singer-Englar, N Patel, M Hamilton and J Kobashigawa, Los Angeles, CA. Smidt Heart Institute, Cedars-Sinai
Abstract 203
- 9:28 BROMOCRIPTINE IMPROVES CENTRAL AORTIC HEALTH IN ADOLESCENTS WITH TYPE 1 DIABETES.**
M Schäfer, K Hunter, JE Reusch, AJ Barker and KJ Nadeau, Aurora, CO. University of Colorado Denver School of Medicine
Abstract 204
- 9:32 QUESTION AND ANSWER**

9:55 AM – 10:05 AM BREAK

Neonatology - Perinatal Biology II

Room 2

Lisa Joss-Moore, Presiding

- 9:00 IGF-1 INFUSION IN LATE GESTATION FETAL SHEEP DOES NOT INCREASE BETA-CELL REPLICATION AND INHIBITS INSULIN SECRETION.**
A White, J Stremming, B Boehmer, S Louey, E Chang, S Jonker, S Wesolowski, LD

Brown and P Rozance, Aurora, CO; Portland, OR. *University of Colorado (Mead Johnson Merit Award Neonatology - Perinatal Biology) (WSPR)*

Abstract 205

9:04 METABOLIC PATTERNS OF INFANTS BORN TO MOTHERS WITH PREECLAMPSIA AND DIABETES SHOW UNDERLYING METABOLIC VULNERABILITY.

J Reiss, A Chang, J Mayo, DK Stevenson, GM Shaw, N Aghaeepour and K Sylvester, Stanford, CA. Stanford University School of Medicine (WSPR)

Abstract 206

Cancelled

~~Abstract 207~~

9:08 A PROSPECTIVE STUDY OF PLACENTAL IMAGING AND PREGNANCY OUTCOMES IN THE SETTING OF ISCHEMIC PLACENTAL DISEASE AND GESTATIONAL DIABETES.

B Lee, Los Angeles, CA. University of California Los Angeles David Geffen School of Medicine

Abstract 208

9:12 EFFECTS OF AN ORAL PROBIOTIC PREPARATION ON THE VAGINAL MICROBIOME DURING EARLY PREGNANCY.

C Wang, P DeHoff and L Laurent, Irvine, CA. University of California, San Diego

Abstract 209

9:16 MATERNAL ANTENATAL MARIJUANA USE LOWERS THE BIOLOGIC POTENTIAL OF UMBILICAL CORD MESENCHYMAL STEM CELLS.

A Ismail, Y Nicolau, C Uy, F Bany-Mohammed and M Aslam, Irvine, CA. UC Irvine Medical Center

Abstract 210

9:20 ROLE OF ALTERNATIVE SPLICING IN LEFT VS RIGHT VENTRICLE IN NEONATAL MOUSE HEART MATURATION.

Z Mehta, Los Angeles, CA. University of California Los Angeles

Abstract 211

9:24 QUESTION AND ANSWER

9:55 AM – 10:05 AM BREAK

Neuroscience II

Room 3

Rahn Bailey, Presiding

- 9:00 PREHOSPITAL HEMODYNAMIC STATUS AND NEUROLOGIC OUTCOMES FOLLOWING ACUTE TRAUMATIC SPINAL CORD INJURY.**
KT Patterson, MM Cook, J Barber, VN O'Reilly-Shah, AH Dagal, C Fong, H Weaver and R Saigal, Seattle, WA. University of Washington School of Medicine
Abstract 212
- 9:04 THYROID HORMONE TREATMENT REVEALS PLASTICITY OF GENE EXPRESSION IN CONE PHOTORECEPTORS OF ADULT ZEBRAFISH.**
JC Huang, A Farre, A Duncan and D Stenkamp, Bellevue, WA; Moscow, ID. University of Washington School of Medicine University of Idaho
Abstract 213
- 9:08 BIOINFORMATIC COMPARISON OF GREY MATTER: CONTROL TISSUE V MULTIPLE SCLEROSIS.**
KR Dowell and K Mruk, Laramie, WY. WWAMI Medical Education, University of Washington School of Medicine, Laramie, WY
Abstract 214
- 9:12 WORKERS WITH HIGHER STRESS LEVELS HAVE ALTERED DYNAMIC NEUROIMAGING.**
K Kuehl, K Mackiewicz-Seagate, D Elliot, J Ballin, C DeFrancesco, W McGinnis and K Gallemore, Portland, OR. Oregon Health & Science University School of Medicine
Abstract 215
- 9:16 LEARNING TYPES DURING INTERPRETATION BIAS TRAINING TO TREAT IRRITABILITY.**
T Trujillo, J Stoddard, S Haller, M Brotman and M Jones, Denver, CO; Bethesda, MD; Boulder, CO. University of Colorado Denver School of Medicine
Abstract 216
- 9:20 IMPACT OF OBESITY ON BRAIN RESPONSE TO FOOD CUES FOLLOWING NON-NUTRITIVE AND NUTRITIVE SWEETENER INGESTION.**
AG Yunker, S Luo, S Jones, B Angelo, AW DeFendis and K Page, Los Angeles, CA. University of Southern California
Abstract 217
- 9:24 ASCORBIC ACID ATTENUATES HYDROGEN PEROXIDE INDUCED OXIDATIVE STRESS AND OSTEOBLASTS DEMONSTRATE ANTIOXIDANT RECYCLING POTENTIAL.**
RT Tran, J Morgenstern, S Droho and J Olson, Englewood, CO. University of Colorado - Anschutz Medical Campus
Abstract 218
- 9:28 NOVEL METHODOLOGY FOR PROBING MICROGLIAL METABOLISM IN SITU.**
N Cleland, MC Neal, M Tang, E Dobrinskikh and K Bruce, Denver, CO; Aurora, CO.

9:32 QUESTION AND ANSWER

9:55 AM – 10:05 AM BREAK

Adolescent Medicine and Behavior Development IV

Room 4

Jack Dempsey, Presiding

9:00	<p><i>Mead Johnson Nutrition Behavior & Development State-of-the-Art Speaker</i> MOTHER BABY CONNECTIONS: FAMILY FUNCTIONING AND INFANT DEVELOPMENT. <i>Pamela Geller, Drexel University</i></p>
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9:30	<p><i>Mead Johnson Nutrition Adolescent Medicine and General Pediatrics State-of-the-Art Speaker</i> ADOLESCENT ENCEPHALITIS: DIAGNOSTIC CHALLENGES AND NEUROCOGNITIVE/BEHAVIORAL OUTCOMES. <i>Walter Dehority, University of New Mexico</i></p>
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9:55 AM – 10:05 AM BREAK

CONCURRENT SESSIONS

Saturday, January 30, 2021

10:05 AM – 11:00 AM

Jointly sponsored by

**WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR PEDIATRIC RESEARCH**

Adolescent Medicine and Behavior Development IV (continued).....	Room 4
Cardiovascular II.....	Room 1
Healthcare Research IV - Psychology.....	Room 2
Neonatology General V.....	Room 3

Adolescent Medicine and Behavior Development IV

Room 4

Jack Dempsey, Presiding

10:05 SCREENING FOR AND DIAGNOSING MALNUTRITION IN HOSPITALIZED PEDIATRIC PATIENTS.

SL Thompson, E Lamers-Johnson, K Kelley, L Woodcock, J Long, C Bliss, J Abram, A Steiber and EY Jimenez, Albuquerque, NM; Chicago, IL. University of New Mexico

Abstract 220

10:09 IDENTIFYING GAPS IN SEXUAL HEALTH CARE AND BARRIERS TO

PROVIDING RECOMMENDED CARE TO ADOLESCENTS AT AN ACADEMIC PRIMARY CARE CLINIC.

*S Kaye, R Byrd, L Kester and S Crossen, Sacramento , CA. UC Davis Children's Hospital
Abstract 221*

10:13 SEX DIFFERENCES IN PRENATAL EXPOSURE TO MATERNAL OBESITY AND BREASTFEEDING ON CARDIOMETABOLIC MARKERS IN CHILDREN.

AW DeFendis, J Alves, AG Yunker, AH Xiang and K Page, Los Angeles, CA; Pasadena, CA. University of Southern California

Abstract 222

10:17 TARGETING GUN VIOLENCE, IMPROVING SCREENING FOR ACCESS TO FIREARMS IN EMERGENCY DEPARTMENT PEDIATRIC PSYCHIATRIC PATIENTS.

C Stegall, J Ayala, K Barton, K Allen and A Kumar-Veerawamy, Charleston, SC. Medical University of South Carolina

Abstract 223

10:21 THE EPIDEMIC OF STRESS AND ANXIETY AMONG TODAY'S HIGH SCHOOL STUDENTS: DO STUDENTS NEED A "LIFE" CLASS?

C Santos, O Washington, E Bustinza, N Garcia, A Perez and R Kinman, Fresno, CA. Edison High School

Abstract 224

10:25 PATIENT/PARENT ADMINISTERED EPINEPHRINE IN ACUTE ANAPHYLAXIS.

MA Murata, Kaneohe, HI. Hawaii Pacific Health

Abstract 225

10:29 "HOW DO YOU SEE YOURSELF?": APPLYING YOUTH-DEFINED MENTAL HEALTH DOMAINS TO SUPPORT THE BALANCE OF MENTAL HEALTH AND ACADEMICS.

CM Suarez, A Panh, E Gastelum and R Kinman, Sacramento, CA; Fresno, CA. University of California Davis (WSMRF)

Abstract 226

10:33 AN INNOVATIVE HYBRID LEARNING MODEL IN PEDIATRIC CRITICAL CARE MEDICINE DURING THE SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 PANDEMIC.

*CM Suarez and T Bunnalai, Sacramento, CA; Fresno, CA. University of California Davis
Abstract 227*

10:37 QUESTION AND ANSWERS

Cardiovascular II

Room 1

Luisa Mestroni, Presiding

10:05 METFORMIN IMPROVES LEFT VENTRICULAR SIZE AND FUNCTION IN ADOLESCENTS WITH TYPE 1 DIABETES.

A Nguyen, U Truong, M Schäfer, A Baumgartner, AJ Barker, K Hunter, D Burkett, JE Reusch and KJ Nadeau, Aurora, CO. University of Colorado Denver School of Medicine (WAFMR)

Abstract 228

10:09 OUTCOME OF THE DEVELOPMENT OF RESTRICTIVE PHYSIOLOGY AFTER HEART TRANSPLANTATION.

A Deshpande, N Patel, T Singer-Englar, M Hamilton and J Kobashigawa, Los Angeles, CA; Pomona, CA. Western University of Health Sciences

Abstract 229

10:13 LONG-TERM EFFECTS OF MONOTHERAPY WITH LOW DOSE TACROLIMUS.

M Froch, N Patel, T Singer-Englar, M Hamilton and J Kobashigawa, Los Angeles, CA. Smidt Heart Institute, Cedars-Sinai

Abstract 230

10:17 APPROACH TO THE HIGHLY SENSITIZED PATIENT AWAITING HEART TRANSPLANTATION.

C Villa, T Singer-Englar, N Patel, M Hamilton and J Kobashigawa, Seattle, WA; Los Angeles, CA. University of Washington

Abstract 231

10:21 GENETIC DETERMINANTS OF VARIABLE EXPRESSIVITY OF OBSTRUCTIVE LEFT HEART DISEASE.

C Rosputni, M Kelly Galindo and S Klewer, Tucson, AZ. The University of Arizona College of Medicine

Abstract 232

10:25 EFFECT OF SLEEP APNEA ON ATRIAL ARRHYTHMIA RECURRENCE RATES AFTER ABLATION.

RR Maheshwary, E Ovruchesky, P Malhotra, X Zhang, R Makhija and U Srivatsa, Sacramento, CA; Davis, CA. University of California Davis

Abstract 233

10:29 REFINED METHODS FOR TRANSCRIPTOME ANALYSIS IN ISCHEMIC CARDIOMYOPATHY.

A Cullen, L Mestroni, S Graw, D Grine, G Storm, S Gao, S Chen and M Taylor, Aurora, CO; Houston, TX. University of Colorado Denver School of Medicine University of Colorado Denver School of Medicine

Abstract 234

10:33 BYSTANDER CPR AND VENTRICULAR FIBRILLATION WAVEFORM MEASURES IN OUT-OF-HOSPITAL CARDIAC ARREST.

B Bessen, J Coult, J Blackwood, T Rea, P Kudenchuk and H Kwok, Seattle, WA. University of Washington

Abstract 235

10:37 QUESTION AND ANSWERS

Healthcare Research IV - Psychology

Room 2

Melanie Cree-Green, Presiding

10:05 ARE MALES AND FEMALES ALIKE? THE ROLE OF CENTRAL SENSITIZATION IN PATIENTS WITH CHRONIC ROTATOR CUFF TEARS.

C Bauer, A Hegarty, F Pozzi, M Tsay, B Liebeskind and L Michener, Pasadena, CA; Los Angeles, CA; Gainesville, FL. Western University of Health Sciences

Abstract 236

10:09 SUBSTANCE USE AND MENTAL HEALTH COMORBIDITIES AMONG PATIENTS IN A LOW-BARRIER HIV CLINIC.

EE Altwies, L Chwastiak, JI Tsui, E Bhatraju, MR Golden, M Ramchandani and JC Dombrowski, Seattle, WA. University of Washington

Abstract 237

10:13 ADVERSE CHILDHOOD EXPERIENCES AND DEVELOPMENTAL DELAY IN YOUNG US CHILDREN.

C Nivens, A Hoyt-Austin and E Bimla Schwarz, Sacramento, CA. University of California Davis

Abstract 238

10:17 NALOXONE AVAILABILITY THROUGHOUT CALIFORNIA.

S Vyas, A Garfinkel, E Dini, R Ozawa, V Gerriets and Z Nicolas, Elk Grove, CA. California Northstate University College of Medicine

Abstract 239

10:21 ASSOCIATION BETWEEN MENTAL ILLNESS AND CARDIOVASCULAR OUTCOMES AMONG EMERGENCY DEPARTMENT PATIENTS PRESENTING WITH CHEST PAIN.

S Kumar, H Duber and A Sabbatini, Seattle, WA. University of Washington School of Medicine

Abstract 240

10:25 TRANSITION OF CARE FROM THE EMERGENCY DEPARTMENT FOR PATIENTS WITH OPIOID USE DISORDER.

L Nguyen, K Jablonowski, K Hallgren, D Taniguchi and L Whiteside, Seattle, WA. University of Washington School of Medicine (WSMRF)

Abstract 241

10:29 FACTORS ASSOCIATED WITH PAIN-RELATED HIGH-COST CARE SETTINGS IN HIDRADENITIS SUPPURATIVA.

JM Fernandez, AM Thompson, JL Hsiao and VY Shi, Tucson, AZ; Little Rock, AR; Los Angeles, CA. *The University of Arizona College of Medicine Tucson*

Abstract 242

10:33 AN ASSET-BASED APPROACH TO REDUCING OPIOID-RELATED MORTALITY AMONG THE LUMMI COMMUNITY.

T Huynh, Seattle, WA. *University of Washington School of Medicine (WSMRF)*

Abstract 243

10:37 QUESTION AND ANSWERS

Neonatology General V

Room 3

Meera N. Sankar, Presiding

10:05 EFFECTS OF SARS-COV-2 ON PREGNANT WOMEN AT DELIVERY AND NEONATAL OUTCOMES AT A SINGLE INSTITUTION IN LOS ANGELES.

MC Easterlin, R Ramanathan, A Yeh, S Yamaguchi and M Biniwale, Los Angeles, CA. *LAC+USC Medical Center PIH Health Good Samaritan Hospital*

Abstract 244

10:09 ASSESSMENT OF ULTRASOUND-GUIDED PERIPHERAL ARTERIAL LINE PLACEMENT IN INFANTS AFTER IMPLEMENTATION OF A BEDSIDE ULTRASOUND PROGRAM.

R Dasani, V Pai, S Vallandingham, C Noh, A Davis and S Bhombal, Palo Alto, CA. *Stanford University School of Medicine*

Abstract 245

10:13 RECONCILING MARKEDLY DISCORDANT VALUES OF SERUM FERRITIN VERSUS RETICULOCYTE HEMOGLOBIN CONTENT.

TM Bahr, V Baer, RK Ohls, TR Christensen, D Ward, S Bennett and RD Christensen, Salt Lake City, UT. *University of Utah*

Abstract 246

10:17 OUTCOMES OF VERY LOW BIRTH WEIGHT PRETERM INFANTS WITH MATERNAL CHORIOAMNIONITIS AND FUNISITIS.

S Sakhamuru, A Hisey, T Tagliaferro, L Barton, R Ramanathan and M Biniwale, Granada Hills, CA; Los Angeles, CA. *Los Angeles County, University of Southern California*

Abstract 247

10:21 DELIVERY ROOM RESUSCITATION PRACTICE TRENDS IN A POPULATION-BASED COHORT OF INFANTS BORN AT PERIVIAL GESTATIONAL AGE.

X Chen, T Lu, J Gould, SR Hintz, DJ Lyell, X Xu and H Lee, Stanford, CA; New Haven, CT. *Stanford University School of Medicine (WSPR)*

Abstract 248

10:25 FACTORS AFFECTING OUTCOMES OF INFANTS DELIVERED IN AN EMERGENCY SETTING.

MP Martes Gomez, S Liu, B Gordon, R Ramanathan and M Biniwale, Glendale, CA; Los Angeles, CA. LAC+USC

Abstract 249

10:29 QUALITY IMPROVEMENT INITIATIVE TO REDUCE TIME TO FULL FEEDS IN INFANTS WITH GASTROSCHISIS.

A Vachhani, A Zepeda-Tiscareno, J Rosoff, E David, A Walther, W Moses, S Nair and J Shepherd, Los Angeles, CA. LAC+USC Medical Center, Keck School of Medicine of USC

Abstract 250

10:37 QUESTION AND ANSWERS

CONCURRENT SESSIONS

Saturday, January 30, 2021

11:00 AM – 11:55 AM

Jointly sponsored by

**WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR PEDIATRIC RESEARCH**

Adolescent Medicine and Behavior Development V.....Room 1
Cardiovascular II.....Room 2
Healthcare Research V.....Room 3
Neonatology General VI.....Room 4

Adolescent Medicine and Behavior Development V

Room 1

Lindsey Devries, Presiding

11:00 PERCEPTION AND PREVALENCE OF WITHDRAWAL AS A CONTRACEPTIVE METHOD AMONGST MEDICAL STUDENTS.

SY Li, P Desai, J Lin, H Choi and AL Nelson, Pomona, CA. Western University of Health Sciences (WSMRF)

Abstract 251

11:04 IMPACT OF SEXUAL HEALTH EDUCATION ON WITHDRAWAL USE AND PERCEPTION AMONGST GRADUATE STUDENTS .

P Desai, SY Li, H Choi, J Lin and AL Nelson, Pomona, CA. Western University of Health Sciences (WSMRF)

Abstract 252

11:08 EFFECT OF INTERVENTIONS TO IMPROVE CHILDHOOD VACCINATION WITH A FOCUS ON UNDERSERVED POPULATIONS.

C Fang, N Sussman and B Afghani, Irvine, CA; Orange, CA; Phoenix, AZ. UC Irvine

11:12 IMPROVING ACCESS TO ETONOGESTREL IMPLANT AT CHILDREN'S HOSPITAL LOS ANGELES (CHLA).

C Kim, A Hidirah, AL Nelson and C Borzutzky, Los Angeles, CA; Pomona, CA. Western University of Health Sciences, College of Osteopathic Medicine of the Pacific

Abstract 254

11:16 A RARE PRESENTATION OF HENOCH-SCHONLEIN PURPURA AS HEMORRHAGIC BULLOUS LESION IN AN ADOLESCENT.

M Kaur, M Khamlong, A Abad and T Nandhagopal, Bakersfield, CA. Kern Medical Center

Abstract 255

11:20 POSTERIOR REVERSIBLE ENCEPHALOPATHY SYNDROME FOLLOWING STEROID TREATMENT FOR DRUG RASH IN A PEDIATRIC PATIENT.

T Mills, D Balyozian and M Huang, San Diego, CA. University of California San Diego

Abstract 256

11:24 VARIATIONS IN CLINICAL AND LABORATORY PRESENTATION OF UTI IN MEDICALLY COMPLEX PATIENTS.

MB Iyer, A Nguyen, J Beck and K Kieran, Seattle, WA. University of Washington School of Medicine

Abstract 257

11:28 IMPROVING COMPLETION RATES OF MATERNAL DEPRESSION SCREENING IN AN ACADEMIC PEDIATRIC PRACTICE.

K Habib and K Mullens, Phoenix, AZ. The University of Arizona College of Medicine Phoenix

Abstract 258

11:55 AM – 1:00 PM BREAK

COVID - Infectious Diseases II

Room 2

David Gilbert, Presiding

11:00 EFFECTS OF COVID-19 ON MORBIDITY AMONGST PATIENTS WITH PRE-EXISTING ASTHMA IN THE CENTRAL VALLEY DURING THE EARLY PANDEMIC.

A Singh, R Plasencia, V Plasencia and AZ Ahmad, Fresno, CA. University of California San Francisco (WAFMR Subspecialty Award)

Abstract 259

11:04 A UNIQUE HOST IN HIV AND MORBID OBESITY FOR COVID-19.

NM Winicki and J Parker, Riverside, CA; Los Angeles, CA. University of California Riverside

Abstract 260

11:08 SEX DIFFERENCES IN ANXIETY DISORDERS AND LOW SOCIOECONOMIC STATUS DURING THE COVID-19 PANDEMIC.

C Roose, Tucson, AZ. The University of Arizona College of Medicine Tucson

Abstract 261

11:12 IMPACT OF ALTITUDE ON CORONAVIRUS-DISEASE-2019 PER CAPITA INFECTION, DEATH, AND MORTALITY RATES IN THE UNITED STATES: A MODELING AND OBSERVATIONAL STUDY.

KE Stephens, DR Bruns and P Chernyavskiy, Anchorage, AK. University of Washington School of Medicine

Abstract 262

11:16 DECREASED MORTALITY RATE AMONG COVID-19 PATIENTS USING STATINS: DATA FROM US ELECTRONIC HEALTH RECORDS .

T Oskotsky, I Maric, I Kosti, BL Le, RJ Wong, GM Shaw, M Sirota and DK Stevenson, Stanford, CA; San Francisco, CA. Stanford University School of Medicine

Abstract 263

11:20 HISPANIC PARADOX IN THE SETTING OF THE COVID-19 PANDEMIC.

H Tazhibi and P Wahba, Granada Hills, CA; Mission Hills, CA. Western University of Health Sciences (WSMRF)

Abstract 264

11:24 EVALUATING THE RISK OF COVID-19 ILLNESS AMONG EMS PROVIDERS FOLLOWING CARDIOPULMONARY RESUSCITATION AND AEROSOL GENERATING PROCEDURES..

AD Brown, L Schwarcz, CR Counts, L Barnard, BY Yang, J Emert, AJ Latimer, C Drucker, J Blackwood, P Kudenchuk, M Sayre and T Rea, Seattle, WA. University of Washington School of Medicine

Abstract 265

11:28 INCORRECT FACE MASK USE AND POTENTIAL COVID-19 EXPOSURES IN PUBLIC LOCATIONS.

D Button, P Brown, R Somogyi, A Chang, H Nguyen, S Buerk, B Chen, T Zimmerman, T Funari, C Colbert, B Kea and C Atzema, Portland, OR; Toronto, , Canada. Oregon Health & Science University (WAFMR Subspecialty Award)

Abstract 266

11:55 AM – 1:00 PM BREAK

Health Care Research V

Room 3

Melanie Cree-Green, Presiding

11:00 EVALUATION OF DATA TRANSFER OF PERINATAL HEPATITIS C VIRUS EXPOSURE RISK DATA IN A MULTISITE HEALTH SYSTEM.

M Geist, A Schumacher and LD Nolen, Wasilla, AK; Anchorage, AK. University of Washington

Abstract 267

11:04 UNPLANNED HOSPITAL READMISSIONS AT BRITISH COLUMBIA CHILDREN'S HOSPITAL.

A Wachtel, MA Irvine, R Courtemanche, M Bucevska and D Courtemanche, Vancouver, , Canada. BC Children's Hospital Research Institute The University of British Columbia

Abstract 268

11:08 UNDERSTANDING GAPS IN CARE: EXPLORING NEIGHBORHOOD LEVEL RESOURCES FOR CERVICAL CANCER SCREENING IN CHICAGO, IL.

KP Oelerich, D Oshomuvwe, K Munoz, N Lee and S Dewdney, Chicago, IL. Rush Medical College of Rush University

Abstract 269

11:12 TRENDS OF PEDIATRIC HOSPITAL ADMISSIONS FOR ACUTE ASTHMA BETWEEN 2005-2019.

A Chambers, B Fassl and F Nkoy, Salt Lake City, UT. University of Utah Health

Abstract 270

11:16 HIP SURVEILLANCE FOR CHILDREN WITH WHAT? THE CONUNDRUM OF DIAGNOSIS.

S Miller, J Coates and K Mulpuri, Vancouver, BC, Canada. BC Children's Hospital

Abstract 271

11:20 HEALTHCARE RESOURCE UTILIZATION IN CHILDREN WITH CEREBRAL PALSY.

M Juricic, S Miller, N Fajardo, C Chapman, J Coates, E Habib, E Schaeffer and K Mulpuri, Vancouver, BC, Canada. BC Children's Hospital

Abstract 272

11:24 CORRELATION OF RAIL SYSTEMS WITH LOWER TRAFFIC FATALITY RATES.

K Abe and L Yamamoto, Honolulu, HI. University of Hawaii John A. Burns School of Medicine

Abstract 273

11:28 IMPROVING ONCOLOGY EDUCATION FOR FAMILY MEDICINE RESIDENTS: HOW DOES BC COMPARE?

A Janz, P Ingledeu, L Wang, S Bortnik and J Garcha, Vancouver, BC, Canada. UBC, The University of British Columbia

11:55 AM – 1:00 PM BREAK

Neonatology General VI

Room 4

Meera N. Sankar, Presiding

11:00 VANCOMYCIN USAGE OPTIMIZATION IN NEONATAL INTENSIVE CARE UNIT.

M Chang, K Mongkolrattanothai, S Chin, Y Li, R Orbach, L Stach, S Nair and V Milisavljevic, Los Angeles, CA. LAC USC

Abstract 275

11:04 DIFFERENCES IN BLOOD GLUCOSE LEVELS IN PRETERM INFANTS LESS THAN 1250 GRAMS AT BIRTH FED EXCLUSIVE HUMAN MILK OR BOVINE MILK BASED FORTIFIED HUMAN MILK.

M Chang, L Barton, R Ramanathan and R Cayabyab, Pasadena, CA. LAC USC Medical Center

Abstract 276

11:08 EFFECTS OF POSTNATAL STEROIDS ON NEURODEVELOPMENTAL OUTCOMES IN PRETERM INFANTS

JJ Keel, LK Lee, W Surento, M Shiroishi, N Jahanshad, R Ramanathan and R Cayabyab, Los Angeles, CA; Fontana, CA. LAC+USC

Abstract 277

11:12 QUALITY IMPROVEMENT INITIATIVE TO IMPROVE PATIENT CARE FOR NEONATAL ABSTINENCE SYNDROME.

A Iacob, Y Nicolau, R Koeppel, P Aron-Johnson and C Uy, Long Beach, CA. University of California - Irvine

Abstract 278

11:16 BENEFITS OF DELAYED CORD CLAMPING IN PRETERM INFANTS AT 23-28 WEEKS OF GESTATION AT BIRTH.

S Sakhamuru, M Chu, JJ Keel, L Barton, R Ramanathan and R CAYABYAB, Los Angeles, CA; Granada Hills, CA. University of Southern California Keck School of Medicine

Abstract 279

11:20 NICU CLINICIANS' PERSPECTIVE ON TELEPHONE COMMUNICATION WITH PARENTS: A QUALITATIVE STUDY.

JA Williams, R Patterson, B Macauley, L Gievers and K Zuckerman, Portland, OR. Oregon Health & Science University (WSPR)

Abstract 280

11:24 ACTIVE CARE AT 22-23 WEEKS AND HOSPITAL OUTCOMES OF MORE MATURE INFANTS IN CALIFORNIA, 2014-18.

*S Bane, MA Rysavy, SL Carmichael, X Chen and H Lee, Iowa City, IA; Stanford, CA.
Stanford University School of Medicine*

Abstract 281

**11:28 IMPACTS OF DELIBERATE PRACTICE SIMULATION ON NEONATAL
OUTCOMES.**

*M Nguyen, I Purdy, M Leng and J Enciso, Los Angeles, CA. University of California Los
Angeles*

Abstract 282

11:55 AM – 1:00 PM BREAK

CONCURRENT SESSIONS

Saturday, January 30, 2021

1:00 PM – 1:55 PM

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**WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR PEDIATRIC RESEARCH**

Cardiovascular, Nephrology and HypertensionRoom 1
COVID - Health Care Research.....Room 2
Endocrinology and Metabolism II.....Room 3
Surgery IV.....Room 4

Cardiovascular, Nephrology and Hypertension

Room 1

Melissa Swee, Presiding

**1:00 AGE-SPECIFIC ASSOCIATION BETWEEN STANDING HEIGHT AND PULSE
PRESSURE IN ADULTS.**

*A Visaria, P Maniar, B Dave, S Kumarapuram and D Lo, Newark, NJ. New Jersey
Institute of Technology (WAFMR Subspecialty Award)*

Abstract 283

**1:04 UNDERSTANDING ACCESS TO HEALTHY OPTIONS IN FOOD BANKS AS
PART OF COMMUNITY-BASED CHRONIC DISEASE PREVENTION AND
MANAGEMENT EFFORTS..**

*LJ Archuleta, C Vargas, A Knoblock-Hahn and E Jimenez, Albuquerque, NM. University
of New Mexico School of Medicine*

Abstract 284

**1:08 DOES LIVER SURFACE NODULARITY CONTRAINDICATE HEART
TRANSPLANT?**

*I Singh, T Singer-Englar, N Patel, M Hamilton and J Kobashigawa, Los Angeles, CA.
Smidt Heart Institute, Cedars Sinai*

Abstract 285

1:12 THE CORRELATION BETWEEN EXECUTIVE FUNCTION AND COPING MECHANISMS IN INDIVIDUALS WITH CONGENITAL HEART DEFECTS.

VF Eller, S Mathena, J Andrews and S Klewer, Tucson, AZ. The University of Arizona College of Medicine Tucson

Abstract 286

1:16 HIGH INCIDENCE OF OBSTRUCTIVE SLEEP APNEA AMONG PATIENTS REFERRED FOR ATRIAL FIBRILLATION ABLATION DIAGNOSED BY ACTIVE SCREENING.

E Ovruchesky, RR Maheshwary, R Makhija, X Zhang and U Srivatsa, Sacramento, CA. University of California Davis

Abstract 287

1:20 DOES TIMING OF RENAL DYSFUNCTION AFTER HEART TRANSPLANT RESULT IN WORSE OUTCOMES?

N Patel, T Singer-Englar, M Hamilton and J Kobashigawa, Los Angeles, CA. Smidt Heart Institute, Cedars Sinai

Abstract 288

1:24 EFFECTS OF DONOR AGE ON HEART-KIDNEY TRANSPLANTATION IN OLDER RECIPIENTS.

T Singer-Englar, N Patel, M Hamilton and J Kobashigawa, Los Angeles, CA. Smidt Heart Institute, Cedars-Sinai

Abstract 289

1:28 CLOSTRIDIUM DIFFICILE IN POST-HEART TRANSPLANT RECIPIENTS: IS THERE AN IMMUNE MODULATORY EFFECT?

S Rashidi, N Patel, T Singer-Englar, M Hamilton and J Kobashigawa, Los Angeles, CA. Smidt Heart Institute, Cedars-Sinai

Abstract 290

1:32 QUESTION AND ANSWERS

COVID - Health Care Research

Room 2

Ricardo Correa, Presiding

1:00 IMPLEMENTATION OF A COLLABORATIVE PEDIATRIC AND ADULT HYBRID TEAM IN THE CARE OF CRITICALLY ILL ADULT PATIENTS DURING CORONAVIRUS PANDEMIC: AN EXPERIENCE FROM A LARGE COMMUNITY HOSPITAL IN SAN JOAQUIN VALLEY, CALIFORNIA.

T Bunnalai, R Fontenette, K Siruguppa, V Vargas, C Neville, J Waugh, M Merriman, T Lien, L Covarrubias, A Ip and H Husted, Fresno, CA; Davis, CA; Travis AFB, CA. UCSF Fresno Center for Medical Education and Research Edward and Ann Hildebrand Medical Library (WAFMR)

Abstract 291

- 1:05 JOB-RELATED INJURIES OF HEALTHCARE WORKERS IN COVID-19: WHY SO FEW?**
LW Raymond, Charlotte, NC; Chapel Hill, NC. Atrium Health University of North Carolina, Chapel Hill (WAFMR)
 Abstract 292
- 1:10 THE EXPERIENCE OF COVID-19 BY U.S. DERMATOLOGY RESIDENTS: A NATIONAL SURVEY.**
M Woodfin, J Robertson, L Bonomo, S Feng and M Shinohara, Seattle, WA. University of Washington School of Medicine (WSMRF)
 Abstract 293
- 1:15 TELEMEDICINE USE BY ROUNDING HOSPITALISTS DURING COVID-19: A PILOT MODEL & QUALITATIVE STUDY.**
S Dhamija, B Geyer, M Sethi, T Ricalde, G Dalal, A Khan and R Suvarna, Auburn, WA. MultiCare Auburn Medical Center
 Abstract 294
- 1:20 RESPONSE RATE BEFORE AND DURING COVID-19 PANDEMIC FOR CHILDBIRTH EXPERIENCE SURVEY.**
A Lunardhi and H Stohl, Pomona, CA; Los Angeles, CA. Western University of Health Sciences College of Osteopathic Medicine of the Pacific (WSMRF)
 Abstract 295
- 1:25 COVID-19 IMPACTS ON PEDIATRIC ORTHOPEDIC SURGERY.**
M Gibbard, BV Sidhu, S Farrell, J Bone, A Cooper, A Aroojis, G Orthopaedic Group and K Mulpuri, Vancouver, BC, Canada; Mumbai, India. BC Children's Hospital
 Abstract 296
- 1:30 DETERMINANTS OF COVID-19 VACCINE ACCEPTANCE AMONG HEALTH CARE PROVIDERS AND CITIZENS IN NEVADA.**
AS Robles, A Gallahue, S Bennett, T Nerida, T Larson, H Parker and M Riddle, Reno, NV; Carson City, NV. University of Nevada Reno School of Medicine (WSMRF)
 Abstract 297
- 1:35 ASSESSING BARRIERS AMONG HIV, SUBSTANCE USE DISORDER, AND TRANS PATIENTS DURING THE COVID-19 PANDEMIC.**
A Yousif, C Akpala, L Patten, E Wallace and J Bettencourt, Huntington, WV; Boston, MA; Aurora, CO. University of Colorado School of Medicine
 Abstract 298
- 1:32 QUESTION AND ANSWERS**

Endocrinology and Metabolism II

Room 3

Jacob J. Stuppy, Presiding

- 1:00 AN INVESTIGATION OF DIET QUALITY AND HYPOTHALAMIC GLIOSIS IN CHILDHOOD OBESITY.**

S Kee, L Sewaybricker, SJ Melhorn and E Schur, Seattle, WA. University of Washington (WAFMR Subspecialty Award)

Abstract 299

1:04 DISSOCIATION OF IN VIVO AND EX VIVO MITOCHONDRIAL FUNCTION IN TYPE 2 DIABETES.

A Johnston, LA Abushamat, IE Schauer, KJ Nadeau, M Cree-Green, JG Regensteiner and JE Reusch, Denver, CO. University of Colorado Denver School of Medicine (WSMRF)

Abstract 300

1:08 AMPK STIMULATES INSULIN CLEARANCE IN HEPATOCYTES.

X McCleary, M Peterfy and N Ehrhardt, Pomona, CA. Cal Poly Pomona Western University of Health Sciences

Abstract 301

1:12 EFFECT OF ONE MONTH EXPOSURE TO COMPONENTS OF THE REPROMETABOLIC SYNDROME ON PHYSICAL ACTIVITY AND BODY COMPOSITION IN WOMEN.

DF Yabroudi, N Santoro, A Allshouse, A Bradford, IE Schauer and W Kohrt, Aurora, CO. University of Colorado (WSMRF)

Abstract 302

1:16 VERTICAL SLEEVE GASTRECTOMY IMPROVES INSULIN SENSITIVITY IN SEVERELY OBESE TEENAGERS.

T Dobbs, A Baumgartner, P Bjornstad, M Kelsey, M Cree-Green, TH Inge and KJ Nadeau, Denver, CO. University of Colorado Denver School of Medicine

Abstract 303

1:20 CORTISOL AND VITAMIN D LEVELS AS RELATED TO STRESS IN FIRST AND SECOND YEAR MEDICAL STUDENTS.

CJ Reid, M Murphy-Meyers, N Chen, M Mosca, M Thompson, D Howard, C Klinhom and A Prabhu, Reno, NV. University of Nevada, Reno School of Medicine

Abstract 304

1:24 SOCIAL MEDIA PERSPECTIVES AND QUESTIONS OF LIVING WITH POLYCYSTIC OVARIAN SYNDROME.

M Towbin, K Ghobrial, E Chiang, S Razi and AL Nelson, Los Angeles, CA; Pomona, CA. Western University of Health Sciences College of Osteopathic Medicine of the Pacific

Abstract 305

1:28 A PRACTICAL AND ACCURATE METHOD TO QUANTIFY PANCREATIC FAT ON MRI IN CHILDREN WITH NONALCOHOLIC FATTY LIVER DISEASE.

J Story, S Kafali, S Shih, S Ghahremani, KL Calkins and HH Wu, Los Angeles, CA. University of California Los Angeles David Geffen School of Medicine (WSMRF)

Abstract 306

1:32 QUESTION AND ANSWERS

Surgery IV

Room 4

Subhas Gupta, Presiding

- 1:00 INCIDENCE, RISK FACTORS, AND HEALTHCARE RESOURCE UTILIZATION OF EARLY ACUTE KIDNEY INJURY FOLLOWING LUNG TRANSPLANT.**
J Merk, B Hwang, A Cheng and M Mulligan, Seattle, WA; Seattle, WA. University of Washington
Abstract 307
- 1:04 IDENTIFYING LOWER EXTREMITY ASYMMETRIES IN PREVIOUSLY INJURED RECREATIONAL ENDURANCE RUNNERS.**
J Sheasley, Y Chun, N Martonick, L Krumpl and J Bailey, Anchorage, AK; Moscow, ID. University of Washington School of Medicine
Abstract 308
- 1:08 HIP SURVEILLANCE FOR CHILDREN WITH CEREBRAL PALSY: A SURVEY OF ORTHOPAEDIC SURGEONS IN INDIA.**
J Li, D Ganjwala, S Miller, E Schaeffer, B Shore, A Johari, A Aroojis and K Mulpuri, Vancouver, BC, Canada; Ahmedabad, India; Boston, MA; Mumbai, India. BC Children's Hospital
Abstract 309
- 1:12 AN INSIDIOUS PROGRESSION OF *MORGANELLA MORGANII* IN ASCENDING CELLULITIS.**
P Wiltz and T Berg, Yakima, WA; Sunnyside, WA. Pacific Northwest University of Health Sciences
Abstract 310
- 1:16 PEDIATRIC HAND FRACTURES: HOW OFTEN DO WE OPERATE?**
S Wei, D Forbes, M Bucevska, R Hartley, S Salhi, F Fraulin, R Harrop and JS Arneja, Vancouver, BC, Canada; Calgary, Canada. The University of British Columbia Faculty of Medicine
Abstract 311
- 1:20 INTRA-OPERATIVE MEAN ARTERIAL BLOOD PRESSURE PREDICTS NEUROLOGIC RECOVERY FOLLOWING ACUTE TRAUMATIC SPINAL CORD INJURY.**
MM Cook, KT Patterson, J Barber, VN O'Reilly-Shah, AH Dagal, C Fong, H Weaver and R Saigal, Seattle, WA. University of Washington School of Medicine
Abstract 312
- 1:24 SURGEON RECOMMENDATIONS FOR PHYSICAL ACTIVITY IN PATIENTS WITH PEDIATRIC HIP DISORDERS.**
J Li, E Schaeffer, S Miller, V Schreiber, I Zaltz, Y Hailer, J Clohisy, H Kim and K Mulpuri, Vancouver, BC, Canada; Miami, FL; Royal Oak, MI; Uppsala, Sweden; St. Louis, MO; Dallas, TX. BC Children's Hospital

- 1:28 THE PEDIATRIC “SPINE AT RISK” PROGRAM: 8-YEAR REVIEW OF A NOVEL SAFETY SCREENING TOOL AT A SINGLE INSTITUTION.**
A Galambas, WF Kregel and JM Bauer, Seattle, WA. University of Washington School of Medicine

1:32 QUESTION AND ANSWERS

CONCURRENT SESSIONS

Saturday, January 30, 2021

1:55 PM – 2:50 PM

Jointly sponsored by

**WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR PEDIATRIC RESEARCH**

- Health Care Research VI - Quality Improvement.....Room 1**
Infectious Diseases II.....Room 2
Surgery V.....Room 3

Health Care Research VI - Quality Improvement

Room 1

Ricardo Correa, Presiding

1:55 Cancelled

- 1:59 ANALYSIS OF PERIPARTUM CARE FOLLOWING IMPLEMENTATION OF A COMPREHENSIVE MATERNAL-NEONATAL CARE PROGRAM IN SOLUKHUMBU, NEPAL.**

B Covarrubias, A Chambers, B Fassl, A Sherpa and D Levy, Salt Lake City, UT; Phaplu, Nepal; Omaha, NE. University of Utah Health

- 2:03 PATIENT PERSPECTIVES ON HOW TO PROMOTE RESPECT IN THE HEALTHCARE SETTING: FINDINGS FROM A QUALITATIVE INTERVIEW STUDY.**

C Bridges, D Duenas, H Lewis, K Anderson, D Opel, B Wilfond and S Kraft, Kirkland, WA; Seattle, WA; Denver, CO. University of Washington School of Medicine

- 2:07 PATIENT WORKFLOW IN A MULTIDISCIPLINARY CLEFT PALATE - CRANIOFACIAL PROGRAM.**

A Rahavi, A Sandhu, J Bone and D Courtemanche, Vancouver, BC, Canada. The University of British Columbia British Columbia Children's Hospital

Abstract 318

2:11 DIVERSITY IS LACKING IN CLINICAL RESEARCH OF SEX CHROMOSOME ANEUPLOIDY CONDITIONS.

BS Avila and S Davis, Denver, CO. University of Colorado

Abstract 319

2:15 FAITH-BASED AND FEDERAL GOVERNMENT-AFFILIATED TRAINING SITES FOR PRIMARY CARE: IMPLICATIONS FOR WOMEN'S HEALTH SERVICES.

AN Nguyen, N Tan, E Godfrey and AH McClintock, Seattle, WA. University of Washington

Abstract 320

2:19 DEPRESSION AND ANXIETY SCREENINGS FOR WOMEN WITH POLYCYSTIC OVARY SYNDROME WITHIN VETERANS AFFAIRS TRAINING PROGRAMS: A PILOT STUDY ON RESIDENT PERCEPTION.

M Vu, AL Nelson and Y Fernandez-Sweeny, Pomona, CA. Western University of Health Sciences

Abstract 321

2:23 PERCEIVED DISPARITIES IN KNOWLEDGE AND ACCESS TO REPRODUCTIVE HEALTHCARE SERVICES IN ARMENIAN AMERICAN YOUTH.

BJ Barouni, H Dolmaian, A Boodaghian, A Hovssepian, AL Nelson and F Dong, Pomona, CA. Western University of Health Sciences

Abstract 322

2:27 QUESTIONS AND ANSWERS

Infectious Diseases II

Room 2

Arash Heidari, Presiding

1:55 ONLINE CONTENT ABOUT PRENATAL TDAP VACCINATION USING REDDIT.

T Le, K Lee, S Feng, AL Nelson and J Maticotta, Pomona, CA. Western University of Health Sciences College of Osteopathic Medicine of the Pacific

Abstract 323

1:59 ASSESSMENT OF THE EFFICACY OF ANTIMICROBIAL PROPHYLAXIS FOLLOWING DOG BITES.

A Davis, W Dehority, DA Hill, H Snow and L Fullerton, Albuquerque, NM. University of New Mexico

Abstract 324

2:03 TWO CASES OF HUMAN ORF RESEMBLING INTRAVASCULAR

**LYMPHOMA, ANGIOLYMPHOID HYPERPLASIA WITH EOSINOPHILIA,
AND LYMPHOMATOID PAPULOSIS.**

*A Savell and M Heaphy, Sparks, NV; Reno, NV. University of Nevada, Reno School of
Medicine*

Abstract 325

**2:07 FACTORS ASSOCIATED WITH FIRST-LINE PENICILLIN TREATMENT
AMONG WOMEN DIAGNOSED WITH SYPHILIS DURING PREGNANCY IN
BRAZIL FROM 2010-2018.**

*EJ Swayze, K Nielsen-Saines and M Cambou, Los Angeles, CA; Redwood City, CA;
Boston, MA. Western Michigan University Homer Stryker MD School of Medicine
University of California Los Angeles*

Abstract 326

**2:11 METAGENOMIC NEXT GENERATION SEQUENCING OF CEREBROSPINAL
FLUID IN ANTIBIOTIC PRE-TREATED, CULTURE NEGATIVE BACTERIAL
MENINGITIS.**

*A Sinha, A Belmonte, K Schwalm, D Dinwiddie and W Dehority, Albuquerque, NM.
University of New Mexico (WSPR)*

Abstract 327

**2:15 DISSEMINATED TRICHOSPORONOSIS IN A TWO-YEAR-OLD WITH ACUTE
LYMPHOBLASTIC LEUKEMIA.**

M Nguyen, F Naeem, F Razzaqi and V Vijayan, Madera, CA. Valley Children's Hospital

Abstract 328

**2:19 CAVITARY COCCIDIOMYCOSIS IN PATIENTS WITH DIABETES
MELLITUS.**

*VK Narang, C Upple, R Johnson and A Heidari, Bakersfield, CA. UCLA-Kern Medical
(WAFMR)*

Abstract 329

**2:23 YET ANOTHER COMPLICATION OF E-CIGARETTE OR VAPING PRODUCT
USE: PULMONARY ASPERGILLOSIS.**

C Kupelian, V Vijayan, H Kallas and A Kim, Madera, CA. Valley Children's Healthcare

Abstract 330

2:27 QUESTIONS AND ANSWERS

Surgery V

Room 3

Subhas Gupta, Presiding

- 1:55 BEWARE THE TRANSVERSE PLANE: VARIABILITY OF "NORMAL GAIT" IN TYPICALLY DEVELOPING CHILDREN.**
PS Panesar, A Bagley and V Kulkarni, Sacramento, CA. UC Davis School of Medicine
Abstract 331
- 1:59 THE INFLUENCE OF PROPHYLACTIC CEMENT AUGMENTATION ON SURGICAL REVISION RATES IN SPINAL FUSION SURGERY.**
B Shahrivini, B Shahidi, J Fennessy, C Grant, J Parekh, V Zlomislic, S Garfin and R Allen, La Jolla, CA. University of California San Diego (WSMRF)
Abstract 332
- 2:03 BIOMECHANICAL COMPARISON OF KNOTTED TRANSOSSEOUS EQUIVALENT VERSUS SPEED-BRIDGE ROTATOR CUFF REPAIR TECHNIQUES: A SYSTEMATIC REVIEW.**
J Ansah-Twum, C Cannizzaro, W Belk and A Vidal, Aurora, CO; Syracuse, NY. University of Colorado Denver School of Medicine
Abstract 333
- 2:07 "SHAGGY AORTA" PROTOCOL – UTILIZING THE BENEFITS OF BOTH ANTEGRADE AND RETROGRADE CEREBRAL PERFUSION FOR ALL OPEN AORTIC ARCH OPERATIONS.**
C Ghincea, Y Ikeno, Z Feng, N Lu, JY Rove, JD Pal, JC Cleveland, DA Fullerton, M Aftab and TB Reece, Aurora, CO. University of Colorado School of Medicine (WAFMR)
Abstract 334
- 2:11 CHANGES IN CLINICAL PATHWAYS AND FUNCTIONAL OUTCOMES OF CHILDREN WITH UPPER BRACHIAL PLEXUS BIRTH INJURY BEFORE AND AFTER INSTITUTION OF SUP-ER PROTOCOL.**
V Wong, K Durlacher, D Balumuka, M Bucevska, R Courtemanche and C Verchere, Vancouver, BC, Canada. The University of British Columbia Faculty of Medicine BC Children's Hospital
Abstract 335
- 2:15 TRANSCRANIAL MAGNETIC STIMULATION IN PEDIATRIC EPILEPSY: VALIDATION OF A NONINVASIVE, PRESURGICAL MOTOR MAPPING TECHNIQUE.**
A Mehta, S Schramm, KI Auguste and PE Tarapore, Fremont, CA; San Francisco, CA; Munchen, Germany; Berkeley, CA. University of California San Francisco Western University of Health Sciences University of California Berkeley
Abstract 336
- 2:19 OPEN CHEST DURATION FOLLOWING CONGENITAL CARDIAC SURGERY INCREASES RISK FOR SURGICAL SITE INFECTION.**
Z Feng, S Schofield, E Downs, S Newman, D Campbell, MB Mitchell, J Jagers and M

Stone, Aurora, CO. *University of Colorado Denver School of Medicine (WSMRF)*

Abstract 337

2:23 COMPLEX WOUND MANAGEMENT USING NEGATIVE PRESSURE WOUND THERAPY WITH INSTILLATION AND RETICULATED OPEN CELL FOAM DRESSING WITH THROUGH HOLES.

M Gruber, E O'Rorke and A Gabriel, Vancouver, WA; Loma Linda, CA. Elson S Floyd College of Medicine

Abstract 338

2:27 QUESTIONS AND ANSWERS