Division Details

Division Data Summary

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<tr>
<th>RESEARCH AND TRAINING DETAILS</th>
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<tr>
<td>Number of Faculty</td>
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<tr>
<td>Number of Research Fellows</td>
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<td>Number of Research Students</td>
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<td>Peer Reviewed Publications</td>
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<tr>
<th>CLINICAL ACTIVITIES AND TRAINING</th>
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<td>Number of Clinical Staff</td>
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<td>Outpatient Encounters</td>
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Significant Accomplishments

Transgender Health Program Launched

We have launched a new program to provide evidence-based, comprehensive care to this vulnerable group of adolescents in a safe and welcoming environment. Data from national studies and our Teen Health Center show that 7 to 9 percent of teens report being attracted to both or the same gender. Although some of our care providers were delivering these services in an informal manner in the past, we worked with the Office of Diversity and Inclusion to formalize these services. Lee Ann Conard, RPh, DO, MPH, is working with several divisions, including Endocrinology and Child Psychiatry, to provide comprehensive services for these patients and their families.

Transition Medicine Program Supports Young Adult Patients

As more children grow up surviving pediatric disorders, demand has grown for specialized care for these children once they become adults. Several studies have demonstrated significantly improved outcomes for young adults when they continue on pediatric protocols. In fact, Cincinnati Children’s already treats many young adults with complex medical problems from childhood. In FY 2010, our medical center experienced more than 21,000 encounters with patients ages 19 to 21 and more than 17,000 encounters with patients over 21.
Our growing Transition Medicine program provides inpatient and outpatient care to youth with special health care needs, including accessible and developmentally appropriate health care, risk screening, self-management promotion and psychosocial support. Our team includes care managers, social services, a research team and three faculty members: Abigail Nye, MD, who completed a combined MED/PED residency and fellowship in Transition Medicine in Cincinnati; Jennifer Shoreman, MD, who completed a MED/PED residency and Cardiac Failure/Transplant fellowship at Indiana University; and Darcey Thornton, MD, who completed a combined MED/PED residency in Cincinnati and a fellowship in Adolescent Medicine at Texas Children’s.

**Significant Publications**


Clinical trials have demonstrated that prophylactic human papillomavirus (HPV) vaccines are highly effective in preventing HPV infection, but the impact of vaccination on HPV prevalence rates in real-world, community settings is uncertain. In this study of adolescent and young adult women in Cincinnati, conducted before and 4 years after widespread HPV vaccine introduction, Dr. Kahn and colleagues found that the prevalence rate of vaccine-type HPV decreased substantially (from 31.7% to 13.4%). The decrease in vaccine-type HPV not only occurred among vaccinated young women (from 31.8% to 9.9%) but also among unvaccinated young women (from 30.2% to 15.4%). This is the first study to provide evidence of a decrease in the prevalence of vaccine-type HPV among young women and evidence of herd protection in a community after HPV vaccine introduction.

**Lipstein EA**, Muething KA, Dodds CM, **Britto MT**. “I’m the one taking it”: Adolescent participation in chronic disease treatment decisions. *J Adolesc Health* 2013;52:S111.

This study used the decision to initiate a specific biologic therapy as a model for understanding how adolescents participate in treatment decisions. It addressed the roles and preferences of adolescents with chronic conditions in an actual medical decision, rather than a hypothetical issue.

We found that adolescents participated in a variety of decision-making roles from telling parents about specific symptoms to having the final say in the decision. Most adolescents were satisfied with how the decision was ultimately made. Our results suggest that parents and providers can assist adolescents with chronic conditions by providing them with relevant information and by helping teens develop the skills necessary for future medical decision making.


Because many human papillomavirus (HPV) infections are transient, transmission rates of genital HPV infections may be inconsistent if the interval between testing spans several months. This paper examined rates of concordance and transmission of HPV between the genitals, hands, and mouth over short intervals, (5 times over a 6-week period). The highest rates of concordance were observed soon after intercourse, suggesting some HPV DNA detection may represent contaminants from a partner, rather than an established HPV infection. Female-to-male transmission appeared more common than male-to-female transmission, which differs from other sexually transmitted viruses.

**Division Publications**


Faculty, Staff, and Trainees

Faculty Members

Frank Biro, MD, Professor
  Leadership Rauh Chair of Adolescent Medicine; Director, Division of Adolescent Medicine

  Research Interests Environmental influences on body composition and pubertal timing; impact of peripubertal changes on risk factors for breast cancer; childhood and adolescent precedents of adult disorders.

Paula Braverman, MD, Professor
  Leadership Director of Community Programs, Division of Adolescent Medicine

  Research Interests Teen pregnancy and STI prevention; obesity prevention programming for teens

Maria Britto, MD, MPH, Professor
  Leadership Director, Center for Innovation in Chronic Disease Care; Assistant Vice-President, Chronic Care Programs; Faculty Lead, EPIC-Quality Integration Initiative; Faculty Lead, Patient Portals; Co-Leader, Advanced Improvement Methods Course

  Research Interests Chronic disease; health care quality; health care preferences; clinical informatics.

Lee Ann Conard, DO, MPH, RPh, Assistant Professor

Lorah Dorn, PhD, Professor
**Leadership**
Director of Research, Division of Adolescent Medicine; Chairman, Fifth Third Bank/Charlotte R Schmidlapp Womens Scholars Program; Chairman, Scientific Advisory Committee, Clinical Translational Research Center

**Research Interests** Behavioral endocrinology in adolescents; puberty; mood and behavior problems, substance use, bone health

Jennifer Hillman, MD, MS, Assistant Professor
**Research Interests** Weight-related disorders and associated psychological disturbances; how hormones which regulate hunger/satiety and metabolism are impacted by psychological disorders to impact weight and nutrition

Jessica Kahn, MD, MPH, Professor
**Leadership** Assistant Chair, Academic Affairs and Faculty Development

**Research Interests** Cervical cancer prevention, human papillomavirus (HPV) in adolescents, HPV and other adolescent vaccines, HIV in adolescents, global delivery of HPV vaccines

Corinne Lehmann, MD, MEd, Associate Professor
**Leadership** Director, Medical Student Education for the Dept of Pediatrics (pediatrics clerkship director); Director, Medical Students Scholar Program in Pediatrics; Medical Director, Family Care (Special Care Clinic (for pediatric and adolescent HIV patients))

**Research Interests** Pediatric, adolescent and adult medical education; HIV/STI; vaccines; underserved populations

Ellen Lipstein, MD, MPH, Assistant Professor
**Research Interests** Medical decision-making and chronic disease

Laurie Mitan, MD, Associate Professor
**Leadership** Director, Eating Disorders Program, Division of Adolescent Medicine; Medical Leader, Adolescent Medical Unit (A6N) Clinical Systems Improvement

**Research Interests** Eating disorders

Tanya Mullins, MD, MS, Assistant Professor
**Research Interests** Prevention of sexually transmitted infections and HIV in adolescents

Abigail Nye, MD, Assistant Professor
**Research Interests** Transition Medicine; Caring for patients with complex medical problems as they approach and move into adulthood

Joseph Rauh, MD, Professor Emeritus

Jennifer Shoreman, MD, Assistant Professor
**Research Interests** Transition medicine: caring for adolescents and young adults with special health care needs and chronic illnesses; Adolescent and adult congenital heart disease

Darcey Thornton, MD, Assistant Professor
**Research Interests** Transition medicine: caring for adolescents and young adults with special health care needs and chronic illnesses; adolescent primary care; eating disorders; adolescent gynecology

Abbigail Tissot, PhD, Assistant Professor
**Leadership** Associate Director, Eating Disorders Program for Research and Behavioral Health

Lea Widdice, MD, Assistant Professor
**Research Interests** Epidemiology of HPV, HPV vaccine immunogenicity and optimizing vaccine delivery systems.

**Jennifer Woods, MD, MS, FAAP**, Assistant Professor

**Leadership** Medical Director, Division of Adolescent Medicine

**Clinical Staff Members**

- Erin Dawson, MS, RD, LD
- Ann Marie Dougherty, MS, RD, LD
- Laurie Dunham, MD, RD, LD
- James Ebert, MD
- Susannah Grimes, MSN, PNP, *APN Leader*
- Robin Holmes, RN
- Bridget Kikta, MSW
- Anne Marraccini, RN, BSN
- Susan Meierjohan, RN, CNP
- Joy Melvin, RN, BSN, MSN
- Shannon Myatt, MSN, CPNP
- Jill Nelson, RN
- Sarah O'Cull, RN
- Sarah Painer, LISW
- Jennifer Prather, RN
- Annette Rader, RN
- Cindy Samuel, RN, *Clinical Coordinator*
- Jane Parker Smith, CNP
- Arlinda Stephens-Harris, RN
- Katy Swyden, MS, RD, LD
- Anna Liisa Vockell, CNP
- Debbie Voet, RN
- Louise Watts, MSN, CPNP
- Giselle Schneider Weller, MD
- David Weybright, BSN, MSN, NEA-BC, *Clinical Director*
- Anita Wilson, RN
- Janet Wimberg, MSW

**Trainees**

- Sarah Beal, PhD, 2nd yr, University of Nebraska at Lincoln
- Shelly Ben Harush Negari, MD, 1st yr
- Oriaku Kas-Osoka, MD, 1st yr, Oakland Children's Hosp
- Abigail Nye, MD, 2nd yr, Univ of Cincinnati/Cincinnati Children's
- Sherine Patterson-Rose, MD, 3rd yr, StonyBrook Medical Center, StonyBrook NY

**Division Collaboration**
Asthma Innovation Lab » Terri Byczkowski, PhD  
Chronic Care Research Group, Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness  
(Maria Britto, MD, MPH)

Behavioral Medicine & Clinical Psychology » Robert Ammerman, PhD and 
Advisory Committee for an NIH funded Career Development Award entitled, "Temporal Mechanisms Associating Depression and Obesity in Girls" (Jennifer Hillman, MD, MS)

Behavioral Medicine & Clinical Psychology » Sian Cotton, PhD  
Chronic Care Research Group, Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness  
(Maria Britto, MD, MPH; Ellen Lipstein, MD, MPH)

Behavioral Medicine & Clinical Psychology » Lori Crosby, PsyD  
Chronic Care Research Group, Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness  
(Maria Britto, MD, MPH; Ellen Lipstein, MD, MPH)

Behavioral Medicine & Clinical Psychology » Susmita Kashikar-Zuck, PhD  
Psychobiology of eating disorders in adolescents (Abbey Tissot, PhD)

Behavioral Medicine & Clinical Psychology » Monica Mitchell, PhD  
Strategic Planning Sub-Committee, Community Health Committee addressing reducing the rate of obesity in the community (Paula Braverman, MD)

Behavioral Medicine & Clinical Psychology » Jennie Noll, PhD  
Co-Investigator on grant submission and co-author of subsequent manuscripts (Lorah Dom, PhD)

Behavioral Medicine & Clinical Psychology » James Peugh, PhD  
Psychobiology of eating disorders in adolescents (Abbey Tissot, PhD)

Behavioral Medicine & Clinical Psychology » Lori Stark, PhD  
Development of a business plan and recruitment for an interdisciplinary eating disorder program (Laurie Mitan, MD; Abbey Tissot, PhD)

Behavioral Medicine & Clinical Psychology » Lori Stark, PhD  
Psychobiology of eating disorders in adolescents (Abbey Tissot, PhD)

Biomedical Informatics » Keith Marsolo, PhD  
HPV vaccine completion and factors associated with adherence (Lea Widdice, MD)

Biomedical Informatics » Mario Medvedovic, MD  
Genomic and Proteomic Biomarkers of Biologic Responses to Exposure grant (Frank Biro, MD)

Biostatistics & Epidemiology » Lili Ding, PhD  
HPV prevalence at the time of HPV vaccination initiation (Lea Widdice, MD)

Biostatistics & Epidemiology » Bin Huang, PhD  
Behavioral and Virologic Impact of HPV Immunization (Jessica Kahn, MD, MPH)

Biostatistics & Epidemiology » Bin Huang, PhD  
Advisory committee member for K23 application (Tanya Mullins, MD, MS; not funded)

Biostatistics & Epidemiology » Bin Huang, PhD  
Behavioral and Virologic Impact of HPV Immunization (Jessica Kahn, MD, MPH)

Biostatistics & Epidemiology » Bin Huang, PhD  
Innovative Modeling of Puberty and Substance Use Risk (Frank Biro, MD)
Biostatistics & Epidemiology » Bin Huang, PhD
Puberty and Cancer Initiation: Environment, Diet and Obesity (Frank Biro, MD)

Biostatistics & Epidemiology » Heidi Sucharew, PhD
Anal HPV in HIV-affected and -unaffected adolescents (Tanya Mullins, MD, MS)

Biostatistics & Epidemiology » Heidi Sucharew, PhD
Psychobiology of eating disorders in adolescents (Abbey Tissot, PhD)

Cardiology & Critical Care Medicine » Bradley S. Marino, MD, MPP, MSCE
Chronic Care Research Group, Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness
(Maria Britto, MD, MPH; Ellen Lipstein, MD, MPH)

Cardiology Heart Institute » Richard Czosek, MD and Karine Guerrier, DO, MPH
Prevalence of life-threatening ventricular arrhythmia in patients with anorexia nervosa (Laurie Mitan, MD)

Career Development » Sandra Degen, PhD
Fifth Third Bank/Charlotte R Schmidlapp Women’s Scholars Program (Lorah Dorn, PhD)

Career Development » Sandra Degen, PhD
Assistant Chair of Academic Affairs & Faculty Development (Jessica Kahn, MD, MPH)

Center for Better Health and Nutrition » Robert Siegel, MD
Strategic Planning Sub-Committee, Community Health Committee addressing reducing the rate of obesity in the community (Paula Braverman, MD)

Center for Better Health and Nutrition » Robert Siegel, MD
The Advanced Clinic held monthly at Oak location; Providing gynecologic and adolescent medicine consultation for obese adolescents with multiple obesity-related co-morbidities in a multidisciplinary clinic setting (Jennifer Hillman, MD, MS)

Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness » Terri Byczkowski, PhD
Chronic Care Research Group (Ellen Lipstein, MD, MPH)

Child & Adolescent Psychiatry » Melissa DelBello, MD
Co-mentor for an NIH Career Development Award entitled, “Temporal Mechanisms Associating Depression and Obesity in Girls” (Jennifer Hillman, MD, MS)

Child & Adolescent Psychiatry » Carol Engel, MD
Psychiatric consultation (all Adolescent Medicine care providers)

Child & Adolescent Psychiatry » Carol Engel, MD
Coordination of a centralized eating disorder program (Laurie Mitan, MD; Abbey Tissot, PhD)

Child & Adolescent Psychiatry » Michael Sorter, MD
The Lindner Center of Hope re: eating disorders (Frank Biro, MD; Laurie Mitan, MD, Abbigail Tissot, PhD)

Child & Adolescent Psychiatry » Carol Engel, MD, Sergio Delgado, MD, Linda Richey, LISW, and Miochael Sorter, MD
Development of a business plan for an interdisciplinary eating disorder program (Laurie Mitan, MD, Abbigail Tissot, PhD)

Child & Adolescent Psychiatry » Jeffrey Strawn, MD
Second-year UC Medical Student Multidisciplinary Development Course (Jennifer Hillman, MD, MS)

Clinical Translational Research Center » James Heubi, MD
Chair, Scientific Advisory Committee (Lorah Dorn, PhD)

Clinical Translational Research Center » Joel Tsevat, MD
Mentor, K Scholars Curriculum (Abbey Tissot, PhD)

Emergency Medicine » Terri Byczkowski, PhD
Chronic Care Research Group, Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness
(Maria Britto, MD, MPH)

Emergency Medicine » Jennifer Reed, MD
Mentor, Building Interdisciplinary Research Careers in Women’s Health (BIRCWH) Award and Place Outcomes Award, Screening for Sexually Transmitted Infections in the Emergency Department (Jessica Kahn, MD, MPH)

Emergency Medicine » Lisa Vaughn, PhD
Chronic Care Research Group, Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness
(Maria Britto, MD, MPH; Ellen Lipstein, MD, MPH)

Endocrinology » Lawrence Dolan, MD
Co-mentor for an NIH Career Development Award entitled, “Temporal mechanisms associating depression and obesity in girls” (Jennifer Hillman, MD, MS)

Gastroenterology, Hepatology and Nutrition, & General Clinical Research Center » Ted Denson, MD
Metabolic Consequences of Substance Use in Adolescent Girls (Lorah Dorn, PhD)

Gastroenterology, Hepatology and Nutrition, & General Clinical Research Center » Ted Denson, MD
Parent decision-making about treatment with biologics (Ellen Lipstein, MD, MPH)

Gastroenterology, Hepatology and Nutrition, & General Clinical Research Center » James Heubi, MD
Puberty and Cancer Initiation: Environment, Diet and Obesity (Frank Biro, MD)

Gastroenterology, Hepatology and Nutrition, & General Clinical Research Center » Shehzad Saeed, MD
Parent decision-making about treatment with biologics (Ellen Lipstein, MD, MPH)

General & Community Pediatrics » Andrew F Beck, MD
Chronic Care Research Group, Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness
(Maria Britto, MD, MPH; Ellen Lipstein, MD, MPH)

General & Community Pediatrics » William Brinkman, MD, MEd
Chronic Care Research Group, Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness
(Maria Britto, MD, MPH; Ellen Lipstein, MD, MPH)

General & Community Pediatrics » William Brinkman, MD, MEd
Pursuing Perfection in Pediatric Therapeutics, (Ellen Lipstein, MD, MPH)

General & Community Pediatrics » William Brinkman, MD, MEd
HPV Vaccine Decision Aid Development (Lea Widdice, MD)

General & Community Pediatrics » Heidi Kalkwarf, PhD
Bone Mineral Density in Childhood (Frank Biro, MD)

General & Community Pediatrics » Heidi Kalkwarf, PhD
Puberty and Cancer Initiation: Environment, Diet and Obesity (Frank Biro, MD)

General & Community Pediatrics » Heidi Kalkwarf, PhD
Metabolic Consequences of Substance Use in Adolescent Girls (Lorah Dorn, PhD)

General & Community Pediatrics » Heidi Kalkwarf, PhD
Psychobiology of eating disorders in adolescents (Abbey Tissot, PhD)

**General & Community Pediatrics** » Lisa Vaughn, PhD
Chronic Care Research Group (Maria Britto, MD, MPH; Ellen Lipstein, MD, MPH)

**Healthworks** » Shelley Kirk, PhD, RD, LD
Feasibility of a technology-enhanced weight management program for obese teens (Maria Britto, MD, MPH)

**Infectious Diseases** » David Bernstein, MD
Mentor, Vaccine & Treatment Evaluation Unit (VTEU) grant; VTEU Network (Lea Widdice, MD)

**Infectious Diseases** » David Bernstein, MD
Behavioral and Virologic Impact of HPV Vaccines (Jessica Kahn, MD, MPH)

**Infectious Diseases** » Robert Frenck, MD
Co-editor for AMSTARs Issue on Infectious Disease and Immunizations (Paula Braverman, MD)

**James M. Anderson Center for Health Systems Excellence** » Uma Kotagal, MD
Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness; EPIC Implementation Project (Maria Britto, MD, MPH)

**James M. Anderson Center for Health Systems Excellence** » Carol Lannon, MD
Parent decision-making about treatment with biologics (Ellen Lipstein, MD, MPH)

**Nephrology** » David Hooper, MD
Chronic Care Research Group (Maria Britto, MD, MPH; Ellen Lipstein, MD, MPH)

**Nursing** » Kelli McMullen, RN
Patient-Family Experience Work Group (Laurie Mitan, MD)

**Outcome Systems** » Anjali Basu
Tracking outcomes measures in EPIC (Maria Britto, MD, MPH; Jennifer Hillman, MD, MS; Lea Widdice, MD, Laurie Mitan, MD)

**Pastoral Care** » Daniel Grossoehme, DMin, BCC
Chronic Care Research Group, Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness (Maria Britto, MD, MPH; Ellen Lipstein, MD, MPH)

**Pastoral Care** » Mary Ann Hegner, MA, BCC
Chronic Care Research Group, Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness (Maria Britto, MD, MPH; Ellen Lipstein, MD, MPH)

**Pediatric and Adolescent Gynecology** » Jill Huppert, MD, MPH
Syphilis in urban adolescents (Corinne Lehmann, MD, Med; Tanya Mullins, MD, MS; Lea Widdice, MD)

**Pediatric Surgery** » Thomas Inge, MD
Gynecological and reproductive health consultation as part of the pre-operative bariatric surgery evaluation (Surgical Weight Loss Program for Teens [SWLPT]) (Jennifer Hillman, MD, MS)

**Physical Medicine and Rehabilitation** » Jilda Vargus-Adams, MD
Chronic Care Research Group (Maria Britto, MD, MPH; Ellen Lipstein, MD, MPH)

**Preventive Cardiology** » Elaine Urbina, MD
Cardiovascular risk factors (Frank Biro, MD)

**Pulmonary Medicine** » Michael Seid, PhD
Chronic Care Research Group, Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness
Radiology » Kim Cecil, PhD and Charles Dumoullin, PhD
Assessment of breast density in young women (Frank Biro, MD)

Rheumatology » Esi Morgan DeWitt, MD, MSCE
Chronic Care Research Group; Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness
(Maria Britto, MD, MPH; Ellen Lipstein, MD, MPH)

Rheumatology » Esi Morgan DeWitt, MD, MSCE
Pursuing Perfection in Pediatric Therapeutics, (Ellen Lipstein, MD, MPH)

Rheumatology » Daniel Lovell, MD
Parent decision-making about treatment with biologics (Maria Britto, MD, MPH; Ellen Lipstein, MD, MPH)

Social Services » Allison G Whisenhunt
Chronic Care Research Group; Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness
(Maria Britto, MD, MPH; Ellen Lipstein, MD, MPH)

Speech Pathology » Susan Redle, PhD, CCC-SLP
Chronic Care Research Group; Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness
(Maria Britto, MD, MPH; Ellen Lipstein, MD, MPH)

Sports Medicine » Nicholas Edwards, MD, MPH
Chronic Care Research Group, Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness
(Maria Britto, MD, MPH; Ellen Lipstein, MD, MPH)

Sports Medicine » Timothy Hewett, PhD
Identifying Female Athletes at High Risk for ACL Injury (Frank Biro, MD)

Grants, Contracts, and Industry Agreements

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<td>Center of Excellence on Quality of Care Measures for Children with Complex Needs</td>
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<td>Agency for Healthcare Research and Quality(Children's Hosp &amp; Reg Med Ct-Seattle)</td>
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<tr>
<td>Developing Quality Measures to Assess Pediatric Inpatient Respiratory Care</td>
<td>National Institutes of Health(Children's Hospital &amp; Regional Medical Center)</td>
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<td>Improving Sickle Cell Transitions of Care Through Health Information Technology: Phase I</td>
<td>The Lewin Group, Inc.(Agency for Healthcare Research and Quality)</td>
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<td>The Effects of Estradiol on Genetic Risk for Disordered Eating During Puberty</td>
<td>National Institutes of Health(Michigan State University)</td>
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<td>ATN Coordinating Center</td>
<td>National Institutes of Health(University of Alabama-Birmingham)</td>
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<td>Epidemiologic Impact of HPV Vaccination</td>
<td>National Institutes of Health</td>
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<td>Improving Understanding of Adolescent Vaccination through Innovative Local Public Health Demonstration Projects</td>
<td>Merck &amp; Company, Inc.(Society for Adolescent Health &amp; Medicine)</td>
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<tr>
<td>Shared Decision Making in Pediatric Chronic Conditions: Biologics in IBD and JIA</td>
<td>National Institutes of Health</td>
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**Current Year Direct** $1,779,139

**Total** $1,779,139