Telemedicine for Pediatric Emergencies
Inpatient Care &
Advanced Practice Providers

UC Davis Children’s Hospital

James P. Marcin, MD, MPH
Sacramento, CA
jpmarcin@ucdavis.edu
916-734-4726
UC Davis Telemedicine

- Connecting to >100 sites/year
- >35,000 total consults to date
- Use in Department of Pediatrics
  - >5,500 pediatric consults to date
  - Outpatient clinics
  - Interpretation of studies
- Emergency Department consults
- Inpatient Consultations
- Use by Advanced Practice Provider

Emergency Department Consultations

- Specialist consultations to community and rural EDs
- Began in 2002
- Small versus Big EDs
- More appropriate transfers
- Overall cost savings
  - Reduction in transfers
  - Reduction in helicopter use
- Financially sustainable
Inpatient - ICU Consultations

PICU-NICU doctors helping children in non-pediatric units

Reduced transfers

More local admits

Financially sustainable

Advanced Practice Providers

- Audiologist services
- Speech-Language therapy
- Lactation consultations
- Physical and Occupational therapy
- SART - child abuse
- Parent Child Interaction Therapy (PCIT)

Project ECHO
Extension for Community Healthcare

- Use telehealth technologies to **Build Capacity**
- **Collaboration & Education to community providers**
  - Hepatitis C, University of New Mexico (NEJM 6-2011)
- **UC Davis: Management of chronic pain**
- **Anthony Urquiza, PhD:**
  - Parent Child Interaction Therapy

- **Opportunity: financial sustainability**
Our Objective:
Leverage telehealth technologies for pediatric patients to increase access, improve quality & reduce overall costs

James P. Marcin
jpmarcin@ucdavis.edu
916-734-4726

Madan Dharmar, Candace Sadorra, Jackie Hausman, Juan Trujano, Gary Wold