

Newborn Screening for CCHD

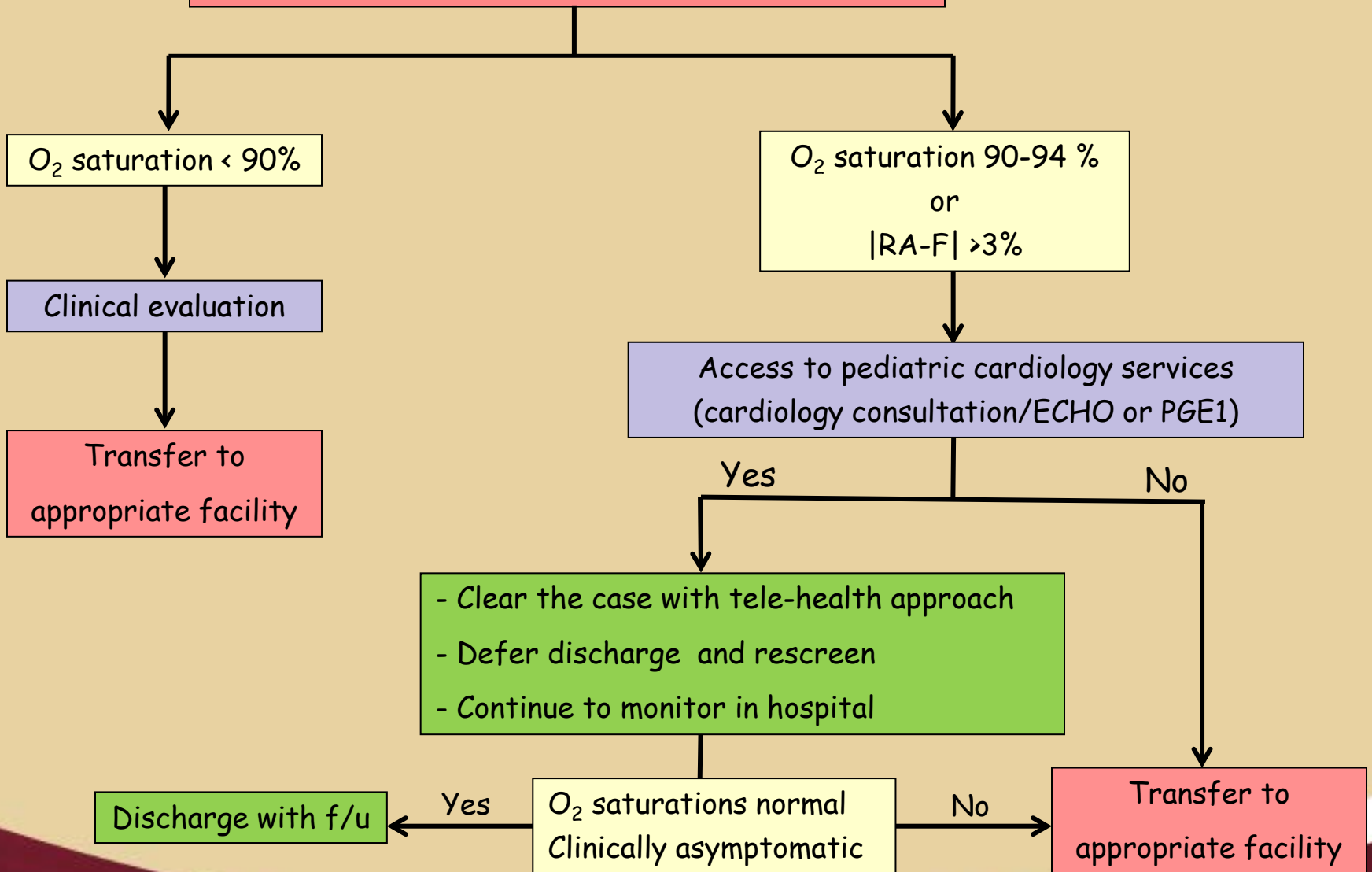
State Model Practices in Remote Hospitals/Home Births/Telemedicine

Lazaros Kochilas, MD
Associate Professor of Pediatrics
University of Minnesota



UNIVERSITY OF MINNESOTA
Amplatz Children's Hospital

Positive Pulse Oximetry Screening

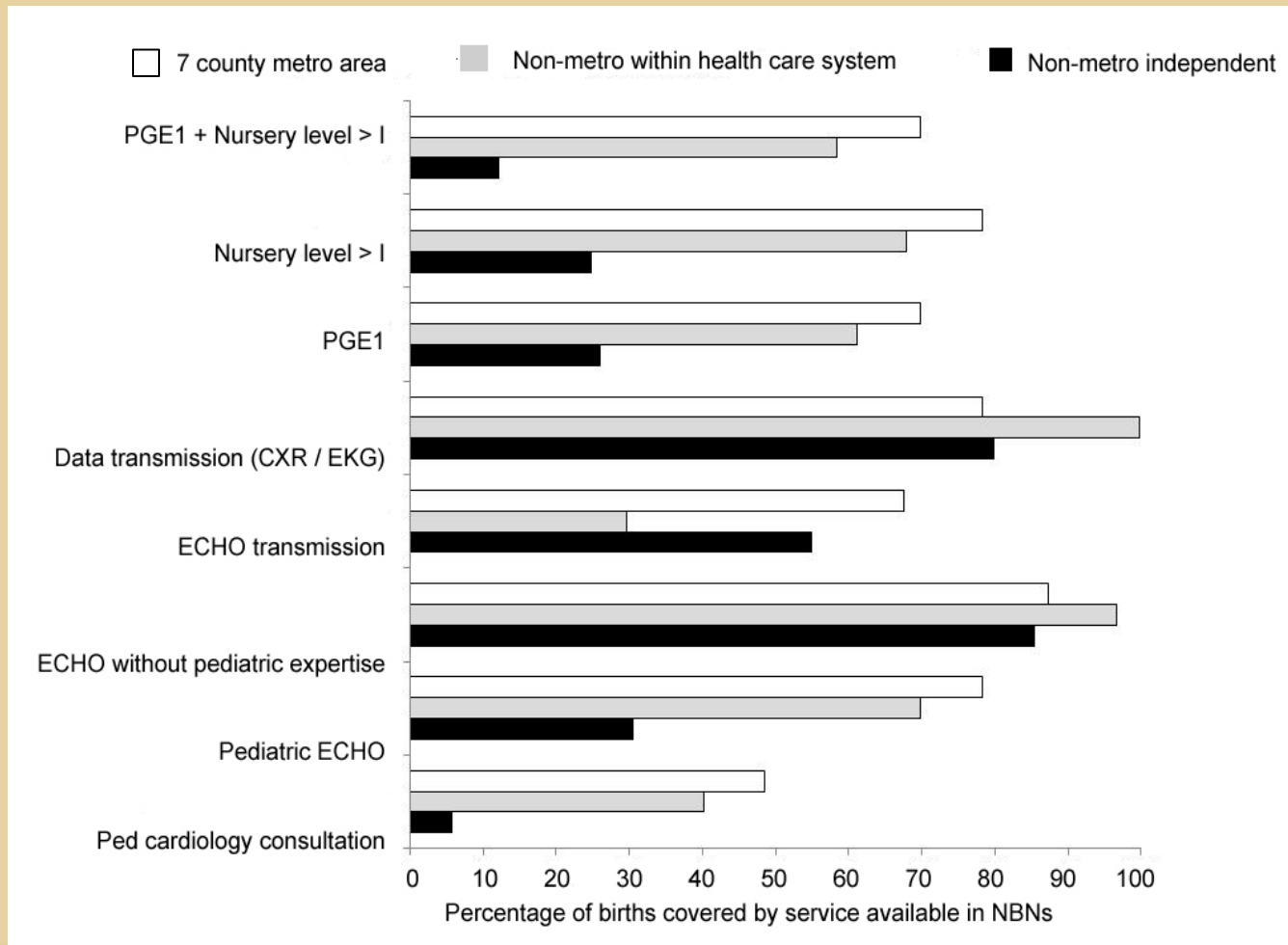


Barriers in implementation

- Health care personnel: echo technicians
pediatric cardiologists
- Equipment: ECHO machines & probes
- Infrastructure & Accessibility
- Cost (equipment, training)
- Regulatory and Medico-legal considerations



Percentage of births covered by service available in NBN by location and affiliation with a health care system.



Suggestions

- training for echocardiographers, neonatologists, ER physicians
- “centrally” designed basic course of pediatric echocardiography
- combination of website material plus onsite hands-on training leading to certification with “booster” course every 1-2 years
- develop incentives for hospitals and technicians to pursue it
- enhance medical training for CHD

