ATS INTEREST GROUP ON INFANT & PRESCHOOL LUNG FUNCTION MEETING MINUTES

1. Open/WELCOME
   • Introductions

2. Infant PFT/chloral hydrate updates
   o No updates
   o Still significant variability in access/use of chloral hydrate based on hospital pharmacies

3. MBW discussion/updates
   o Preschool guidelines now published
   o Consideration of a guideline for use of MBW in clinical practice
     ▪ Need GRADE evidence-based approach for ATS clinical guidelines – start through ERS instead?
     ▪ Paul Robinson will discuss with ATS and ERS guidelines editors
     ▪ Consideration for 2019 submission as project

4. GLI updates – Sanja Stanojovic
   • Reference equations for DLCO now published (ERJ Sept 2017)
     o For DLCO, VA, KCO age 5 – 80 years old
     o Data collection for TLCO and Spirometry is ongoing for additional groups and future updates
       (particularly minority populations)
   • GLI data will be available for researchers outside the GLI group
   • Patient information packets being developed by European Lung Foundation
   • Prospective studies being planned for under-represented regions/populations

5. ERS – no new updates – meeting in September

6. New Project suggestions:
   • Structure/function project (imaging and PFTs in pediatrics)
     o Strong interest, but no one volunteered to help lead
     o Best to propose workshop with pulmonologists, respiratory scientists, and radiologists with goal
       of producing a document
     o Or could propose a structure/function symposium
     o Or consider document on lung ultrasound for diagnosis of pneumonia or other lung diseases
     o ACTION ITEM: Jessica Pittman will compile list of interested parties to begin discussion for
       possible project proposal next year.
   • Preschool PFT document update: suggested by Nicole Beydon, Clement Ren offered to co-lead
     o Could tackle particular aspects, like plethysmography and airways resistance, without being as
       comprehensive as the initial document.
     o ACTION ITEM: Jessica Pittman will solicit interest from the group and funnel to Beydon and Ren
   • Other documents – felt do not need update at this time.
   • Discussion of a document on how to use reference equations (Z scores, race/ethnicity, changing
     equations)