

CLINICAL PRACTICE ADHERENCE TO THE CYSTIC FIBROSIS PULMONARY GUIDELINES IN CHILDREN (B6), Tiffany Lin, Shannon Rankin, Kyria Ramey, Laura Caffey, Patricia Marshik. UNM HSC, Albuquerque, NM ([tlin@salud.unm.edu](mailto:tlin@salud.unm.edu)) IRB approval received.

The Cystic Fibrosis (CF) Foundation established the CF Pulmonary Guidelines supporting the chronic use of pulmonary medications, including dornase alfa, inhaled tobramycin, azithromycin, and hypertonic saline, to improve lung function and reduce exacerbations. The object of this study is to assess the adherence of the University of New Mexico Pediatric Pulmonary Division's prescribing practices to these guidelines. The secondary objectives are to assess if a relationship exists between guideline compliance and pulmonary function tests, number and days of hospitalizations, acute antibiotic treatment, and culture results. Guideline compliance will be assessed via chart review on all current CF pediatric patients, who have at least one CF Clinic visit since the publication of the guidelines. Secondary outcomes data will be collected for patients who are compliant with the guidelines and have been followed for at least one year prior to the date of becoming compliant. Descriptive statistics, MANOVA tests, and multivariate logistic regression with odds ratios will be used for data analysis. All data will be further categorized by lung severity. Full results will be discussed.