



UNIFIED FIRE AUTHORITY

MEMORANDUM

24-024

February 22, 2024

TO: All Personnel

FROM: Division Chief Ayres

SUBJECT: Treating Respiratory Emergencies in Children (T-RECs) Study

The “Treating Respiratory Emergencies in Children” (T-RECs) study is now live. This study was reviewed in January 2024’s EMS Quarterly Training along with a short LMS video assignment that was distributed on January 19, 2024. This study relates to prehospital treatment of severe pediatric asthma patients.

Each UFA tablet that is used for patient documentation has been equipped with QR code stickers for both T-RECs and PediDose to aid crew members in completing the paramedic self-reports (PSR) for each study. Each station also has a refrigerator magnet with the QR code, and every ambulance has the inclusion criteria as well as the QR code on a placard taped to the dashboard.

The study timeline involves approximately 5 months of data collection **WITHOUT** any changes to our current protocol for pediatric asthma. A 6-week (previously 3 months) “transition period” will take place where the EMS Quarterly Training will involve education on duo-neb (ipratropium and albuterol) and dexamethasone administration in children. Following the transition period, UFA Paramedics will begin administering duo-neb along with dexamethasone to children having a severe asthma exacerbation. Each period of the study will be identified with communication from EMS Division.

From now until the transition period starts, Paramedics who transport **patients ages 2-17 to any hospital AND who receive albuterol for their asthma will need to complete the PSR**, accessed by the QR code. In the short survey, the Paramedic will be asked to type their name and give their cell phone number. Please put the main UFA phone number in that field if you do not wish to share your personal phone number (801-743-7200).

If you have any questions or concerns regarding this study, please reach out to EMS Training Specialist Amanda Lawrence at (801) 231-1411. The information placards also contain the phone number for the study investigators who can assist.

