

## Supplemental Online Content

Marcin JP, Lieng MK, Mouzoon J, et al. Telemedicine vs telephone consultations and medication prescribing errors among referring physicians: a cluster-randomized crossover trial. *JAMA Netw Open*. 2024;7(3):e240275. doi:10.1001/jamanetworkopen.2024.0275

### **eAppendix.** Medication Error Data Collection Instrument

This supplemental material has been provided by the authors to give readers additional information about their work.

**eAppendix: Medication Error Data Collection Instrument.**

Physician-related medication error: Defined as: Wrong dose; Wrong or inappropriate drug for condition; Wrong route; and Wrong dosage form.

- |   |   |
|---|---|
| <input type="checkbox"/> Medication given but not ordered                                 | <input type="checkbox"/> Wrong route (IV, PO, PR, SQ, IM)   |
| <input type="checkbox"/> Medication ordered but not given                                 | <input type="checkbox"/> Wrong dosage form  |
| <input type="checkbox"/> Wrong drug given from what was ordered                           | <input type="checkbox"/> Wrong time (> 30 min from order)   |
| <input type="checkbox"/> Wrong dose   | <input type="checkbox"/> Error related to patient information (e.g., allergy, drug interaction, renal or hepatic disease) |
| <input type="checkbox"/> Too much   |   |
| <input type="checkbox"/> Too little   |   |
| <input type="checkbox"/> Wrong or inappropriate drug ordered for condition (your opinion) | <input type="checkbox"/> Other (describe):<br>_____   |
| <input type="checkbox"/> Wrong administration technique (eg, rate)                        | _____   |

Administration Technique: IV – Intravenous route, PO – Oral route, SQ – Subcutaneous route, IM – Intramuscular route.

1. Antipyretics	+/- 20%
2. Antibiotics	+/- 25%
3. Steroids (e.g., methyl prednisone, prednisone, prednisolone)	+/- 25 %
4. Narcotics (e.g., fentanyl, morphine, codeine)	+/- 25%
5. Anxiolytics (e.g., lorazepam, midazolam, diazepam)	+/- 20%
6. Code medications (e.g., boluses of atropine, epinephrine, lidocaine, adenosine, HCO <sub>3</sub> )	+/- 10%
7. Anesthetics (e.g., ketamine, etomidate, thiopental, pentobarbital)	+/- 10%
8. Paralytics (e.g., succinyl choline, vecuronium, rocuronium)	+/- 20%
9. Inotropes, Vasoactives, Cardiac medications (e.g., epinephrine, lidocaine, dopamine)	+/- 10%
10. Insulin drip	+/- 10%
11. Dextrose and electrolytes ( e.g., potassium, calcium)	+/- 20%
12. Anticonvulsants (e.g., phenytoin, lorazepam)	+/- 20%

\* “Acceptable ranges” were determined to be those doses above and below the upper and lower limits of the ranges published by Lexi-Comp’s Pediatric Dosage Handbook<sup>12</sup>