Diabetes Adverse Drug Events (ADEs)

PATIENT SAFETY

Definitions:

CMS: An injury resulting from drug-related medical interventions.²

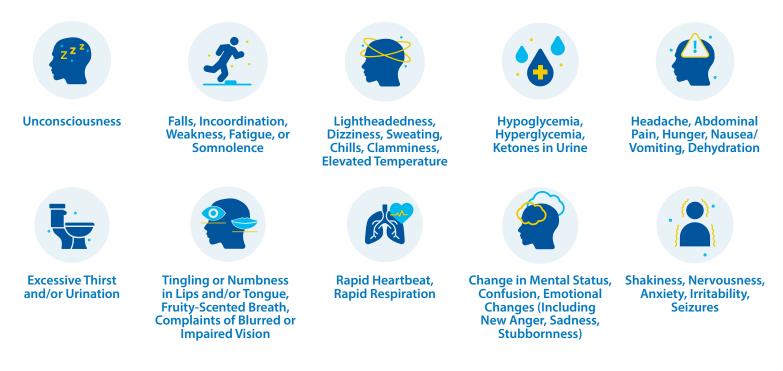
Quick Facts:

- It is generally estimated that about half of ADEs are preventable.³
- Antidiabetic meds, anticoagulants/antiplatelet meds and opioids account for more than 50% of ED visits for ADEs in Medicare patients.³
- Each year, ADEs account for nearly 700,000 ED visits and 100,000 hospitalizations.³

Common Effects of Diabetes Medication ADEs²:

Occurrences That Could Point to a Diabetes Medication ADE²:

- Stat administration of Glucagon or IV Dextrose.
- Administration of orange juice or other high sugar food and fluids in response to blood sugar reading or symptoms.
- Stat order for lab testing including to evaluate blood sugar, fluid, and electrolyte status.
- Stat order for insulin.
- New order for and administration of IV fluids.
- Transfer to hospital.



¹ https://www.cdc.gov/medicationsafety/adult_adversedrugevents.html

- ² https://www.cms.gov/Medicare/Provider-Enrollment-and-Certification/QAPI/Downloads/Adverse-Drug-Event-Trigger-Tool.pdf
- ³ https://psnet.ahrq.gov/primer/medication-errors-and-adverse-drug-events





This material was prepared by Alliant Quality, the quality improvement group of Alliant Health Solutions (AHS), the Medicare Quality Innovation Network - Quality Improvement Organization for Alabama, Florida, Georgia, Kentucky, Louisiana, North Carolina, and Tennessee, under contract with the Centers for Medicare & Medicaid Services (CMS), an agency of the U.S. Department of Health and Human Services. The contents presented do not necessarily reflect CMS policy. Publication No. 12SOW-AHSQIN-QIO-TO1NH-21-591