



Computed Tomography Section

Protocol for Management of Patients taking Metformin scheduled for CT Studies with IV Radiographic Contrast Media

1. Metformin medications are generally used for patients with diabetes, pre-diabetes, and indications such as polycystic ovarian syndrome (PCOS).
2. Metformin medications should be stopped at the time of or prior to CT studies with IV Contrast, AND withheld for 48 hours after the procedure.
3. Patients should contact their physician for instructions. Their physician may opt to place the patient on another drug during the affected 48 hour period.
4. Patients must contact their physician as to when Metformin medication therapy can be restarted.
5. The requesting / referring physician is responsible for replacement medications and/or making the necessary adjustments to above medications, if any, and to restart the above medications after normal renal function is confirmed through creatinine screening.
6. Noncompliance with the protocol, could lead to adverse events due to excess drug accumulation (lactic acidosis – serious and potentially life-threatening condition).