

## Glucophage Cessation Reference

The order sets are constructed to be practical and reflect proven standards care based on best available evidence and or preference/ opinion of physicians in the OSF System.

### Level of Evidence = LOE

A = Randomized prospective controlled trials (control and intervention group and enrolled prior to measured outcome)

B = Nonrandomized prospective trials

C = Retrospective analyses

E = Expert opinion, guideline, consensus statement, textbook summary, articles that summarize

M = Meta-analyses

Q = Economic analyses

### Proper utilization of glucophage

(LOE=C) Calabrese AT, Coley KC, Dapos SV, and Rao RH. Evaluation of prescribing practices: risk of lactic acidosis with metformin therapy, Arch Intern Med 2002 Feb 25; 162 (4): 434-7.

- ◆ 27 % admissions with contraindications on admission, with 41% of those patients continuing treatment during hospitalization

### Risk of Lactic acidosis

(LOE=E)

1. 2003 Physician Desk Reference and Micro Medix,
  2. Ann. Intern. Med. 2002; 137: 25-33
  3. UpToDate
- ◆ Increases with renal dysfunction creat >1.5 mg/dL in males and > 1.4 mg/dL in females
  - ◆ Situations of cardiovascular collapse: shock, acute MI, sepsis, CHF
  - ◆ Hypersensitivity
  - ◆ Acute or chronic metabolic acidosis
  - ◆ Hepatic disease
  - ◆ **Settings where hypotension or renal perfusion or function may be affected : urgent surgery, general anesthesia, or administration of radiology contrast material**

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