A clear liquid diet is reasonable to be continued up until 4 hours before general anesthesia.

Class (Strength) of Recommendation: Class IIb (Weak)
Level (Quality) of Evidence: Level C-LD (Limited Data)

Carbohydrate loading may be considered before surgery.

Class (Strength) of Recommendation: Class IIb (Weak)
Level (Quality) of Evidence: Level C-LD (Limited Data)

Main Points
- Prolonged preoperative fasting may contribute to postoperative insulin resistance.
- Maintenance of a clear liquid diet up until 2-4 hours before surgery is an important component in non-cardiac ERAS protocols.
- Provision of a carbohydrate drink has been shown to reduce insulin resistance and tissue glycosylation- improving postoperative glucose control, enhancing return of gut function, and reducing length of stay.
- A small study in cardiac surgery patients found that near-complete gastric emptying occurred 2-hours following an oral carbohydrate drink.
- The risk-benefit profile of oral carbohydrate load has not been sufficiently studied in cardiac surgical patients to warrant more than a weak recommendation at this time.

Key References
