

The Value of Routine Preoperative Medical Testing Before Cataract Surgery - 2000



Objective

To investigate the evidence for reductions in adverse events through preoperative medical testing before cataract surgery

Methods

Design: Randomized Controlled Trial

Sample Size: 19557 operations (307 cancelled)

Treatment Groups:

- No Testing: 9626
- Routine Testing: 9624

Outcome Measures:

- Rate of medical adverse events which occurred within 7 days of surgery

Results

Point 1: Routine preoperative medical testing did not reduce the risk of adverse events during or after age-related cataract surgery.

- The cumulative rates of medical events was the same (31.3 per 1000 operations) between the two groups

Point 2: Subgroup analysis yielded no specific benefit to routine testing

- Age, sex, race of patient did not impact benefit
- Nor did ASA risk classification or self-reported health status

TLDR: Preoperative medical testing before age-related cataract surgery does not reduce the risk of intraoperative or postoperative medical adverse events.