**Study:** The method of anesthesia used for hernia repair is generally assumed not to affect the long-term outcome. The few studies on the topic have rendered conflicting results. To analyze the relative risk of reoperation for recurrence using anesthetic alternatives, general anesthesia (GA), regional (spinal-, epidural-) anesthesia (RA), and local anesthesia (LA), and to study time trends for various anesthetic and operative methods, as well as other risk factors regarding reoperation for recurrence. (made up data from a study by Nordin et al., 2004).

Treatment 1 - general anesthesia (GA), regional (spinal-, epidural-) anesthesia (RA)

Treatment 1 - local anesthesia (LA)

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | Reoperation Recurrence | |
|  |  | Yes | No |
| Group | Treatment 1 | 5 | 66 |
| Treatment 2 | 17 | 104 |

**Calculate the following:**

1. Event Rates
2. Relative Risk
3. Odds
4. Odds Ratios
5. Absolute Risk Reduction
6. Numbers Need to Treat

**Interpret your findings:**

1. Would you recommend treatment 1? Explain the results and why you would/would not suggest a specific treatment.