INFOGRAPHICS IN ANESTHESIOLOGY

Complex Information for Anesthesiologists Presented Quickly and Clearly

ANESTHESIOLOGY

Seeing Analgesia during General Anesthesia: Three Ways

Traditional assessment of analgesia utilizes physiological parameters combined with clinical experience to guide analgesic dosage. Its efficacy is variable.

1. Estimates of analgesia are produced by PK/PD models, which incorporate patient demographics to predict effect site drug concentrations.

2. In a recent study, intraoperative movement was predicted with an AUROC of 0.94 [95% CI 0.89, 0.98].

3. The probability of adequate analgesia is 98%.

AUROC = area under the receiver operating characteristic curve; BIS = bispectral index; CI = confidence interval; HR = heart rate; PK/PD = pharmacokinetic-pharmacodynamic; SBP = systolic blood pressure.

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