**Supplemental Digital Content**

**SDC-A-SDC-C.** Representation scenarios of cumulative local anesthetic administration over time using a programmed intermittent epidural bolus (PIEB) regime at 10 mL every 1 hour compared with a continuous epidural infusion (CEI) technique at 10 mL/hour. For these PIEB and CEI representations no additional local anesthetic administration using patient-controlled epidural analgesia (PCEA) are considered. The examples assume equal total local anesthetic hourly dosing with both techniques.

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| A | PIEB bolus is delayed for 60 minutes after epidural initiation compared to CEI which is started immediately |
| B | PIEB bolus is delayed for 30 minutes after epidural initiation compared to CEI which is started immediately |
| C | PIEB bolus is delayed for 0 minutes after epidural initiation compared to CEI which is started immediately |