Correspondence

Table 1. Concentration (mm) of Anesthetics in Isolated Hepatocyte Suspensions

<table>
<thead>
<tr>
<th>Dose (μl)</th>
<th>n</th>
<th>Enflurane</th>
<th>Halothane</th>
<th>Chloroform</th>
<th>Methoxyflurane</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>2</td>
<td>3.2</td>
<td>2.9</td>
<td>5.9</td>
<td>3.8</td>
</tr>
<tr>
<td>10</td>
<td>3</td>
<td>5.2</td>
<td>6.8</td>
<td>11.7</td>
<td>8.4</td>
</tr>
<tr>
<td>15</td>
<td>2</td>
<td>6.7</td>
<td>9.4</td>
<td>15.9</td>
<td>9.9</td>
</tr>
<tr>
<td>20</td>
<td>3</td>
<td>10.1</td>
<td>14.1</td>
<td>19.8</td>
<td>15.2</td>
</tr>
</tbody>
</table>

* Figures represent the mean for two or three separate experiments after 20 min incubation. Anesthetic concentration in 2 μl of medium after protein precipitation was determined by gas-liquid chromatography on a 2-foot glass column containing 5 per cent OV-210 on Varaport 30, isothermally at 45°C, using a Becker 400 gas chromatograph equipped with a flame ionization detector. Peak heights were compared with those from completely filled containers of cell suspensions spiked with standard anesthetic volumes.

University of Adelaide
Adelaide, South Australia

Reference


(Accepted for publication September 6, 1978.)

Radio Headset for Use with Regional Anesthesia

To the Editor: — A novel way of allaying a patient’s anxiety during operations with regional anesthesia is by the use of a completely self-contained, battery-operated AM-FM radio headset. One such device is made by Archer (catalog number 12-192A). Because many patients express anxiety over what they may hear during regional anesthesia, the special feature of a muff-type ear fit serves to lessen background noise even when the radio volume is low. In addition, there are no wires leaving the headset that can tangle on other equipment. The use of music in the operating room is not new, and music has been delivered by headphones to patients during outpatient dilatation and evacuation procedures. I have used this headset with a variety of regional anesthetics and have found that patients like it.

Ronald L. Van Nest, Lt, NC, USN
Staff Nurse Anesthetist, CRNA
U.S. Naval Hospital
Beaufort, South Carolina 29902

Reference


FIG. 1. Patient listening to radio station of choice during regional anesthesia is nearly oblivious to background noise and conversation.