



How long will a 2mL syringe of Isoflurane last in constant flow mode?

Concentration

Flow Rate

|            | 1%   | 1.5% | 2%  | 2.5% | 3%  | 3.5% | 4%  | 4.5% | 5%  |
|------------|------|------|-----|------|-----|------|-----|------|-----|
| <b>50</b>  | 13.3 | 8.9  | 6.7 | 5.3  | 4.4 | 3.8  | 3.3 | 3.0  | 2.7 |
| <b>100</b> | 6.7  | 4.4  | 3.3 | 2.7  | 2.2 | 1.9  | 1.6 | 1.5  | 1.3 |
| <b>150</b> | 4.4  | 3.0  | 2.2 | 1.7  | 1.5 | 1.3  | 1.1 | 0.9  | 0.8 |
| <b>200</b> | 3.3  | 2.2  | 1.6 | 1.3  | 1.1 | 1.0  | 0.8 | 0.7  | 0.6 |
| <b>250</b> | 2.7  | 1.7  | 1.3 | 1.0  | 0.9 | 0.8  | 0.6 | 0.6  | 0.5 |
| <b>300</b> | 2.2  | 1.4  | 1.1 | 0.8  | 0.7 | 0.6  | 0.5 | 0.5  | 0.4 |
| <b>350</b> | 1.9  | 1.2  | 0.9 | 0.7  | 0.6 | 0.5  | 0.4 | 0.4  | 0.3 |
| <b>400</b> | 1.6  | 1.1  | 0.8 | 0.6  | 0.5 | 0.5  | 0.4 | 0.3  | 0.3 |
| <b>450</b> | 1.4  | 0.9  | 0.7 | 0.5  | 0.4 | 0.4  | 0.3 | 0.3  | 0.2 |
| <b>500</b> | 1.3  | 0.8  | 0.6 | 0.4  | 0.4 | 0.3  | 0.3 | 0.2  | 0.2 |
| <b>550</b> | 1.2  | 0.8  | 0.6 | 0.4  | 0.4 | 0.3  | 0.3 | 0.2  | 0.2 |
| <b>600</b> | 1.1  | 0.7  | 0.5 | 0.4  | 0.3 | 0.3  | 0.2 | 0.2  | 0.2 |
| <b>650</b> | 1.0  | 0.7  | 0.5 | 0.4  | 0.3 | 0.2  | 0.2 | 0.2  | 0.2 |
| <b>700</b> | 0.9  | 0.6  | 0.4 | 0.3  | 0.3 | 0.2  | 0.2 | 0.2  | 0.2 |
| <b>750</b> | 0.8  | 0.5  | 0.4 | 0.3  | 0.2 | 0.2  | 0.2 | 0.1  | 0.1 |
| <b>800</b> | 0.8  | 0.5  | 0.4 | 0.3  | 0.2 | 0.2  | 0.2 | 0.1  | 0.1 |

\*Duration in hours

How long will a 5mL syringe of Isoflurane last in constant flow mode?

Concentration

Flow Rate

|            | 1%   | 1.5% | 2%   | 2.5% | 3%   | 3.5% | 4%  | 4.5% | 5%  |
|------------|------|------|------|------|------|------|-----|------|-----|
| <b>50</b>  | 33.3 | 22.2 | 16.6 | 13.3 | 11.1 | 9.5  | 8.3 | 7.4  | 6.6 |
| <b>100</b> | 16.6 | 11.1 | 8.3  | 6.6  | 5.5  | 4.8  | 4.2 | 3.7  | 3.3 |
| <b>150</b> | 11.1 | 7.4  | 5.5  | 4.4  | 3.7  | 3.2  | 2.8 | 2.5  | 2.2 |
| <b>200</b> | 8.3  | 5.5  | 4.2  | 3.3  | 2.8  | 2.4  | 2.1 | 1.8  | 1.6 |
| <b>250</b> | 6.6  | 4.4  | 3.3  | 2.7  | 2.2  | 1.9  | 1.6 | 1.4  | 1.3 |
| <b>300</b> | 5.5  | 3.7  | 2.8  | 2.2  | 1.8  | 1.5  | 1.4 | 1.2  | 1.1 |
| <b>350</b> | 4.8  | 3.2  | 2.4  | 1.9  | 1.5  | 1.3  | 1.1 | 1.0  | 1.0 |
| <b>400</b> | 4.2  | 2.8  | 2.1  | 1.6  | 1.4  | 1.1  | 1.0 | 0.9  | 0.8 |
| <b>450</b> | 3.7  | 2.5  | 1.9  | 1.4  | 1.2  | 1.0  | 0.9 | 0.8  | 0.7 |
| <b>500</b> | 3.3  | 2.2  | 1.6  | 1.3  | 1.1  | 0.9  | 0.8 | 0.7  | 0.6 |
| <b>550</b> | 3.0  | 2.0  | 1.5  | 1.2  | 1.0  | 0.8  | 0.7 | 0.6  | 0.6 |
| <b>600</b> | 2.7  | 1.8  | 1.4  | 1.1  | 0.9  | 0.7  | 0.6 | 0.6  | 0.5 |
| <b>650</b> | 2.5  | 1.7  | 1.2  | 1.0  | 0.8  | 0.7  | 0.6 | 0.5  | 0.5 |
| <b>700</b> | 2.3  | 1.5  | 1.1  | 0.9  | 0.8  | 0.7  | 0.6 | 0.5  | 0.4 |
| <b>750</b> | 2.2  | 1.4  | 1.1  | 0.8  | 0.7  | 0.6  | 0.5 | 0.4  | 0.4 |
| <b>800</b> | 2.0  | 1.3  | 1.0  | 0.8  | 0.7  | 0.6  | 0.5 | 0.4  | 0.4 |

\*Duration in hours



How long will a 10mL syringe of Isoflurane last in constant flow mode?

Concentration

|     | 1%   | 1.5% | 2%   | 2.5% | 3%   | 3.5% | 4%   | 4.5% | 5%   |
|-----|------|------|------|------|------|------|------|------|------|
| 50  | 66.6 | 44.4 | 33.3 | 26.6 | 22.2 | 19.0 | 16.6 | 14.8 | 13.3 |
| 100 | 33.3 | 22.2 | 16.6 | 13.3 | 11.1 | 9.5  | 8.3  | 7.4  | 6.6  |
| 150 | 22.2 | 14.8 | 11.1 | 8.8  | 7.4  | 6.3  | 5.5  | 4.9  | 4.4  |
| 200 | 16.6 | 11.1 | 8.3  | 6.6  | 5.5  | 4.7  | 4.1  | 3.7  | 3.3  |
| 250 | 13.3 | 8.8  | 6.6  | 5.3  | 4.4  | 3.8  | 3.3  | 3.0  | 2.7  |
| 300 | 11.1 | 7.4  | 5.5  | 4.4  | 3.7  | 3.2  | 2.8  | 2.5  | 2.2  |
| 350 | 9.5  | 6.3  | 4.7  | 3.8  | 3.2  | 2.7  | 2.4  | 2.1  | 1.9  |
| 400 | 8.3  | 5.5  | 4.1  | 3.3  | 2.8  | 2.4  | 2.1  | 1.9  | 1.7  |
| 450 | 7.4  | 4.9  | 3.7  | 3.0  | 2.5  | 2.1  | 1.9  | 1.6  | 1.5  |
| 500 | 6.6  | 4.4  | 3.3  | 2.7  | 2.2  | 1.9  | 1.7  | 1.5  | 1.3  |
| 550 | 6.0  | 4.0  | 3.0  | 2.4  | 2.0  | 1.7  | 1.5  | 1.3  | 1.2  |
| 600 | 5.5  | 3.7  | 2.7  | 2.2  | 1.8  | 1.5  | 1.4  | 1.2  | 1.1  |
| 650 | 5.1  | 3.4  | 2.5  | 2.0  | 1.7  | 1.4  | 1.2  | 1.1  | 1.0  |
| 700 | 4.7  | 3.1  | 2.3  | 1.8  | 1.5  | 1.3  | 1.1  | 1.0  | 0.9  |
| 750 | 4.4  | 2.9  | 2.2  | 1.7  | 1.4  | 1.2  | 1.1  | 0.9  | 0.8  |
| 800 | 4.1  | 2.7  | 2.0  | 1.6  | 1.3  | 1.1  | 1.0  | 0.9  | 0.8  |

\*Duration in hours