

- Henry's law describes the solubility of a gas in a liquid phase. What methods are possible to ensure a patient receives enough oxygen during surgery? Which method is the most practical? Explain.

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- A saline solution used to administer drugs intravenously is prepared by dissolving 0.90 g NaCl in 100.0 mL water. What mass of glucose ($C_6H_{12}O_6$) is required to prepare a 100.0 mL solution with the same osmotic pressure?

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Answer: