

Oxygen Delivery Devices

Nursing

The common devices, their approximate delivered concentrations, and their limits.

Approximate figures. Delivered concentration varies with the patient's own breathing.

Device	Typical flow	Approximate oxygen
Nasal cannula	1–4 L/min	24–40%, variable
Simple face mask	5–10 L/min	40–60%, variable
Venturi mask	Set by the valve	Fixed, 24–60%
Reservoir mask	15 L/min	Up to 60–90%
High-flow nasal oxygen	Set by device	Set and humidified

Educational reference. Oxygen is a drug, prescribed with a target range. Approximate figures — follow local oxygen policy and the chart.