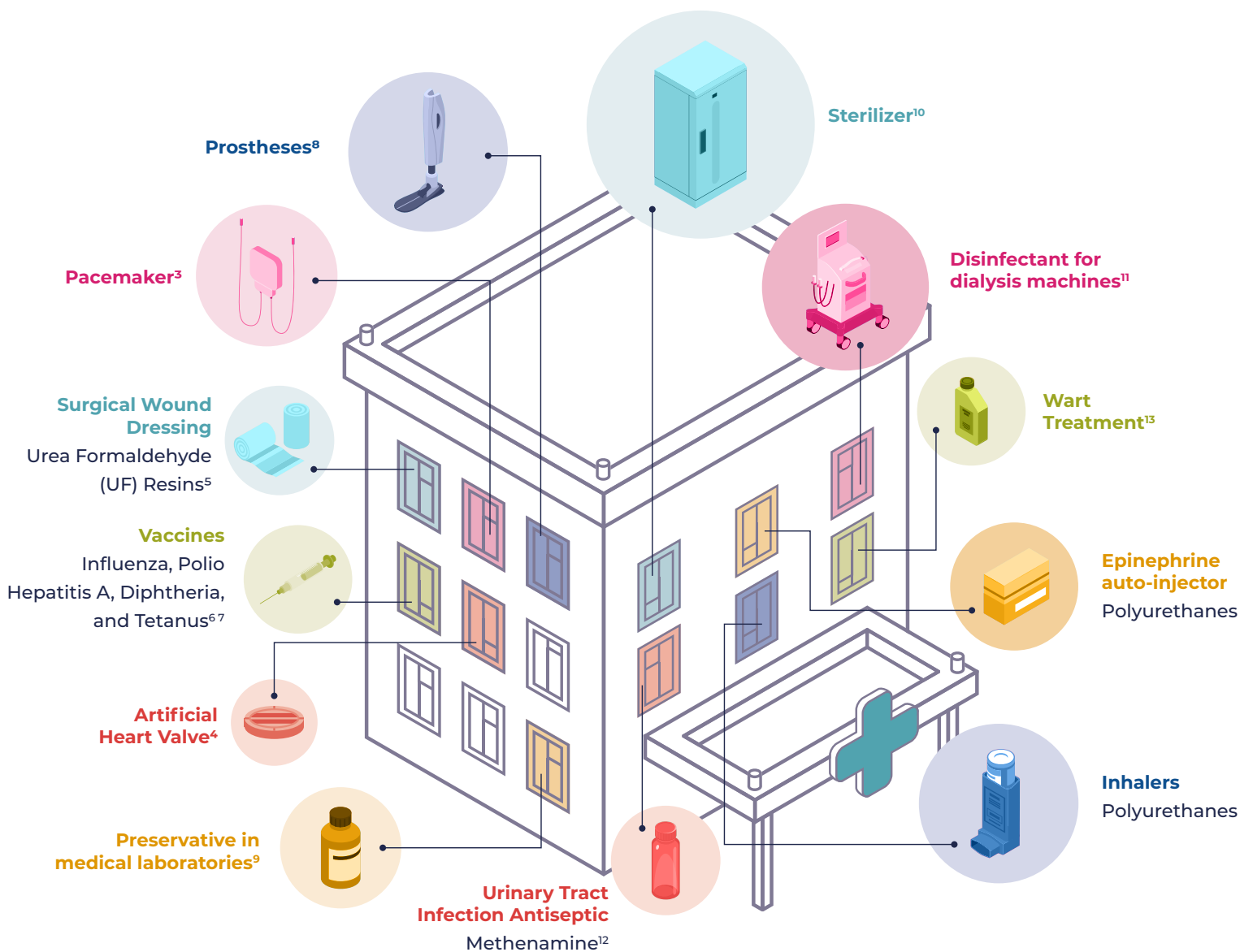


FORMALDEHYDE

MEDICINE & MEDICAL APPLICATIONS



Formaldehyde and its derivatives are used early in the upstream supply chain to make compounds used in the creation of life-saving medical devices (for example: pacemakers, artificial heart valves, and prostheses). Formaldehyde is well known as a preservative in medical laboratories and its use as a sterilizer. Formaldehyde is an active ingredient in anti-infective drugs and is used in gel capsules to promote maximum absorption.¹ It is also used in the manufacture of certain viral and bacterial vaccines. For example, influenza, polio, cholera, hepatitis A, diphtheria, tetanus vaccines use formaldehyde to inactivate viruses and detoxify bacterial toxins. There are also medical research applications for formaldehyde including pharmaceutical research in proteomics and genomics.²

¹ Formacare

² Formacare

³ ACC Formaldehyde Benefits & Applications

⁴ ACC Formaldehyde Benefits & Applications

⁵ S&P Global's Amino Resins Chemical Economics Handbook (30 Sep 2020)

⁶ ACC Formaldehyde Benefits & Applications

⁷ Formacare

⁸ ACC Formaldehyde Benefits & Applications

⁹ ACC Formaldehyde Benefits & Applications

¹⁰ ACC Formaldehyde Benefits & Applications

¹¹ Centers for Disease Control and Prevention

¹² Chwa A, Kavanagh K, Linnebur SA, Fixen DR. *Evaluation of methenamine for urinary tract infection prevention in older adults: a review of the evidence.* Ther Adv Drug Saf. 2019 Sep 23;10:2042098619876749. PMID: 31579504

¹³ Pope M, Kyriakides K, Hoffman C (2020) Treatment of Warts in Pediatrics: A Review. J Fam Med Dis Prev 6:132. doi.org/10.23937/2469-5793/1510132