



Storage & Reconstitution

Most manufacturers recommend that hyaluronidase should be stored at cool temperatures $2-8^{\circ}\text{C}$ as this guarantees the stability of the product over a long period. When stored at room temperature (25°C) it is only guaranteed for 12 months. The SmPC for Hyalase® the brand available in the UK recommends that the product is stored at less than 25°C and must be used before the expiry date. Once an ampoule is opened, it must be used immediately, and any unused contents discarded (Hyalase® SmPC).

Hyaluronidase may be reconstituted with either water for injection or sodium chloride 0.9%. (Hyalase® SPC). Sodium chloride is less painful for the patient when injected and is recommended for this reason.

Hyaluronidase alters the pH of local anaesthetics due to the presence of phosphate buffers within the preparation. There is some evidence to support the addition of local anaesthetic agents to hyaluronidase [18], when combined this may lead to wider spread and increased systemic absorption of anaesthetics and potential complications.