

What is hyaluronidase?

- ▶ Hyaluronidase is an enzyme that quite simply breaks down hyaluronic acid.
- ▶ Human hyaluronidase is present in organs, including the skin, eyes, kidney's, uterus, spleen placenta and in body fluids including semen blood and tears. Jung H. Hyaluronidase: An overview of its properties, applications, and side effects. *Arch Plast Surg.* 2020;47(4):297-300. doi:10.5999/aps.2020.00752.
- ▶ of the six types of human hyaluronidase identified, HYAL 1 - 4, PH-20 and HYALP1. Each has a very specific role in breaking down hyaluronic acid for example, testicular PH20 is found in human sperm and serves to degrade the hyaluronic membrane of the ovum during fertilisation.

