Creganna provides a range of hypotube distal profiles to meet your design requirements.

**Simple Burr Free Cut**
This simple shaft design features a burr free cut on the distal end. This profile offers consistent performance on all key design requirements and represents a cost effective shaft solution.

**Transition solutions**
Creganna provide a range of transition solutions for the distal portion of the hypotube shaft.

**Slot**
The addition of a slot to the hypotube shaft facilitates the attachment of additional features to the hypotube while maintaining a low profile.

**Flare**
Flared hypotubes have an expanded ID, a design that assists in the attachment of other features to the shaft.

**Crimp**
A crimped hypotube features a regular valley/ridge running partway or along the full length of the shaft. This design is popular for shafts that require the attachment of other components while maintaining a smooth transition and low profile.

**Flexible transition solutions**
The distal end of a hypotube shaft typically transitions to the treatment device. Many product designers seek a good transition solution with improved flexibility. Creganna offer both skive and spiral design combinations to meet these dual requirements.

**Skive:** The addition of a skive to the distal end of a hypotube shaft improves flexibility and is ideal when other features are to be attached to the shaft. Skive lengths between 10mm and 150mm can be provided. A textured surface area can also be provided along the skive to improve bonding strength.

**Spiral:** To give maximum flexibility to a hypotube shaft a spiral cut is available. This feature provides a flexible transition from a metal hypotube to other components of the delivery device.