

CLAIMS

1. A cannula having a pointed geometric configuration at one end, the pointed geometric configuration comprising:
 - 5 a primary bevel;
 - a pair of tip bevels on an opposing surface to the primary bevel; and
 - a smoothened section at only a corner of an intersection junction of each of the pair of tip bevels and the primary bevel to minimize damage to a catheter in which the cannula may be housed.
- 10 2. The cannula of claim 1, wherein the primary bevel is provided on the cannula at a first planar angle with reference to a first reference axis (x-axis) parallel to a central axis of the cannula.
3. The cannula of claim 2, wherein the first planar angle is in a range of 17° to 21° .
- 15 4. The cannula of any of claims 1 to 3, wherein the pair of tip bevels is provided on the cannula at a second planar angle with reference to a second reference axis (z-axis) orthogonal to a central axis of the cannula.
5. The cannula of claim 4, wherein the second planar angle is in the range of 13° to 19° .
- 20 6. The cannula of any one of claims 1 to 5, wherein the smoothened section excludes burrs.
7. A method to form a cannula having a pointed geometric configuration at one end, the cannula comprising a primary bevel at the one end of the cannula, and a pair of tip bevels on an opposing surface to the primary bevel, the method comprising smoothening only a corner of an intersection junction of each of the pair of tip bevels and the primary bevel to minimize damage to a catheter in which the cannula may be housed.
- 25 8. The method of claim 7, wherein smoothening is carried out using at least one process selected from a group consisting of: grinding, filing, and chiseling.
- 30 9. The method of either claim 7 or 8, further comprising removing of burrs from the intersection junction.