

## Use of needle instead of punch in Body Hair Transplant to increase yield of intact grafts

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The use of hypodermic needle for extracting body hair grafts – a different extraction methodology in body hair-to-scalp transplant. Problems faced using regular punches for extracting fu grafts from body donor areas include 1. Loose skin leads to torsion during rotating the punch (compared to scalp) 2. Downward pressure of the punch distorts fu architecture. Use the tip of the needle to score around the fu graft scoring the entire circumference requires 3 to 4 needle strokes. Hold the top of graft and use needle tip as cutting devise to separate any adhesions / uncut skin while applying gradual traction. Advantages include 1. Since no rotation motion, no torsion 2. Since insertion of needle tip does not need significant downward pressure (Compared to punch), the chances of transaction of grafts are further reduced. 3. The fu grafts in body donor area are not narrow as compared to scalp where the fu is (tightly composed). Sometimes distance between the hair follicles in fu graft may be 2mm or even more. Using punch would require use of large punch (2mm or more in this case). Using needle point as cutting & scoring instrument, the cut around the fu can be customized based on fu architecture. Thus overall size of wound would be smaller.

### Biography

Arvind Poswal completed his medical studies from the prestigious Armed Forces Medical College, Pune (India). Over the past almost 14 years, he has developed the field of hair transplant, whether it is techniques, instrumentation or training. He is also the inventor of the stitchless FUSE technique that has enabled numerous recent advances in the field of modern hair transplants. Arvind Poswal is a member of various prestigious societies of the world. He is the member of ESHRS, ISHRS, IPHA, SHTS, NSCP, ISCC, WTS, FUE Europe Society and AHRs. Arvind Poswal is the recipient of various prestigious Awards. He has developed goodwill internationally over the years and is considered among the world's top few doctors in the field of hair transplant.

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