



QUALITY OF LIFE, QUALITY OF CARE, AND PATIENT SAFETY

## **TITLE: THROUGH THE LENS LOUPES: BOON FOR HAIR TRANSPLANT SURGEON**

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**Introduction:** Through the lens loupes have the capacity to revolutionize the way we perform hair transplant by giving a better magnification, without compromising the field of vision and ergonomics of the operating surgeon. It is a simple lightweight magnification loupe which has got a telescope positioned close to one's eyes to magnify the field of vision. The telescopes are fixed reducing the movement of the loupe and it has a working distance of more than 45 cm. The lightweight & the design of the loupe doesn't strain the neck and it can be operated at a comfortable distance which leads to better ergonomics for the surgeon who has to work for a longer period of time.

It also has battery operated light source in the operating field which also reduces the dependence on external light source.

**Method:** We have used through the lens loupes instead of regular loupes in more than 100 cases of hair transplant and other dermatosurgical procedures.

**Result:** We have observed lesser graft damage, better quality of magnification, better visualisation, better ergonomics, better ease of use translating into better outcomes.

**Conclusion:** To summarise through the lens loupes are boon for a hair transplant surgeon and a must for better spinal health and great magnification with least graft handling.

