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## Progressive tunnelizations in neck face lift detachment: Fat grafts as complement

**Dilson Ferreira da Luz**

Plastic Clinic Dilson Luz, Brazil

The author describe 17 years experienced in the application of a new and simple method of facial cutaneous detachment using specially designed bi-faceted rigid steel wands called "Dilson Luz Vascular Dilation Wands®". These wands considerably reduce the bleeding during face-lift surgery, reducing both post-operative hematomas as well as the risk of facial nerve injury. This technique 'Progressives Tunnelizations' involves stretching the blood vessels to the point of rupture by inserting progressively larger wands. At the point of rupture, a spontaneous coagulation within the vascular extremities occurs. This is due to a significant blood platelet migration induced by the stimulation from the rupture of the vascular intima. The wands vary in dimension from 1.5 to 20 mm and the more larger were used for cutaneous facial complete detachment and the more fine to perform tunnels. A method which we found to result in minimal bleeding across the detached surface as well as an excellent perfusion of the over lying skin. With this new technique, we have obtained improved cutaneous detachment, reduced postoperative swelling, edema and ecchymosis; prophylaxis of facial nerve damage and/or late postoperative hematoma formation. The fat grafts with active platelets always performing the face lift.

### Biography

Dilson Ferreira da Luz has graduated in medicine in 1969 and performing plastic surgery since 1975. He has been presenting this original technique for cutaneous detachment in Face Lift for 16 years. He has delivered dozens of lectures at various conferences and publication in various journals. In 2009, he has published the book Technical Dilson Luz, Tunelizações Progressive in the Face Lift; in 2013, published Technical Dilson Luz, Tunelizaciones Progresivas and in 2014, he published the chapter Progressive Tunnelizations in Neck Face Lift Detachment in necklift book. He is the Member and Specialist of the Brazilian Society of Plastic Surgery and a Member of the International Society Aesthetic Plastic Surgery.

dfluz@yahoo.com.br

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