



DOCTEUR WOLFGANG REDHA-SWOBODA

TREATMENT OF NECK LINES AND DÉCOLLETÉ WITH HA FILLERS: SPECIFIC PROTOCOLS ASSOCIATING TEOSYAL® REDENSITY [I] TO THE NEW RESILIENT SEMI-CROSSLINKED TEOSYAL® RHA 1 DEPENDING ON PATIENT MORPHOTYPES

Neck lines and wrinkles on the décolleté are particularly difficult to get rid of as the skin in this area is especially thin. These areas have been traditionally treated in the following ways: mesotherapy or fillers. However, none of these products have the ability to optimally treat neck lines and décolleté. Indeed, traditional mesotherapy requires repeated sessions of treatment and even then the observed effect is short lasting or even barely visible. Traditional fillers are more efficient in treating wrinkles, but for neck lines and décolleté, the obtained results are often unsatisfactory and there is a risk of overcorrection (gouges & Tyndall effect especially on the neck lines) that will take time to disappear. The results with these fillers are also often effrard than inappropriate for these areas.

Now, another filler option for the treatment of neck lines and décolleté is available: TEOSYAL® RHA 1. This new HA gel (made of a mix of non-cross-linked and cross-linked HA with a modification degree of 1.9%), has unique stretch and strength capabilities that facilitate an immediate integration of the product in the injected zone. After an intradermal injection, the treatment permits an intense hydration of the skin and the correction of wrinkles and lines with considerably lower risk of papules.

Depending on morphotypes (usually morphotype I is referred to as light to moderate photodamage appearing in patients from 25 to 40 years old, morphotype II for patients from 40 to 60 years old with an advanced photodamage and morphotype III is for patients over 60 years old with a severe photodamage), the combination treatment with both the heavily booster, TEOSYAL® Redensity [I] (made of a mixture of non-cross-linked HA, oligonucleotides, antioxidants and vitamin), and the resilient TEOSYAL® RHA 1, results in a smooth youthful

appearance to the skin and a disappearance of lines. Indeed, TEOSYAL® Redensity [I] treatment improves skin quality by acting on keratinocytes and fibroblasts therefore restoring the extracellular matrix (ECM). It gives radiance, hydration, elasticity and a beautiful texture to the skin whilst giving anti-oxidant protection against free radicals. After this initial improvement of skin quality with TEOSYAL® Redensity [I] (that will lead to a deep stimulation of the ECM of the dermis through a neosynthesis of HA, collagen and elastin), injections of TEOSYAL® RHA 1 will allow the product to easily adapt/integrate thus treating neck lines and décolleté in a very dynamic way leading to spectacular and particularly natural results. With its high stretch capacity, TEOSYAL® RHA 1 will allow a deep repositioning of the skin with a very low risk (or even without any risk) of papules/Tyndall effect if well injected.

To get the best results, I personally inject microboluses of TEOSYAL® Redensity [I] in the superficial dermis on the entire area to treat (0.05 ml, 2 to 3 cm apart) and TEOSYAL® RHA 1 in the superficial to mid dermis along the horizontal neck lines or along the vertical wrinkles on the décolleté using a retrograde injection technique (see figure 1). For morphotypes stage I, a treatment with 3 injections of TEOSYAL® Redensity [I], 3 weeks apart, is enough to trigger the redensification of the skin and significantly improves its overall quality in terms of radiance, elasticity, hydration, texture as well as to get rid of the emergent fine lines. For patients presenting a morphotype II (moderately damaged skin), 2 sessions of TEOSYAL® Redensity [I] injection 3 weeks apart followed by an injection of TEOSYAL® RHA 1 3 weeks later will be able to enhance skin quality by restoring a healthy ECM and to eliminate the moderate wrinkles on the neck and décolleté. Finally, for patients having a morphotype stage

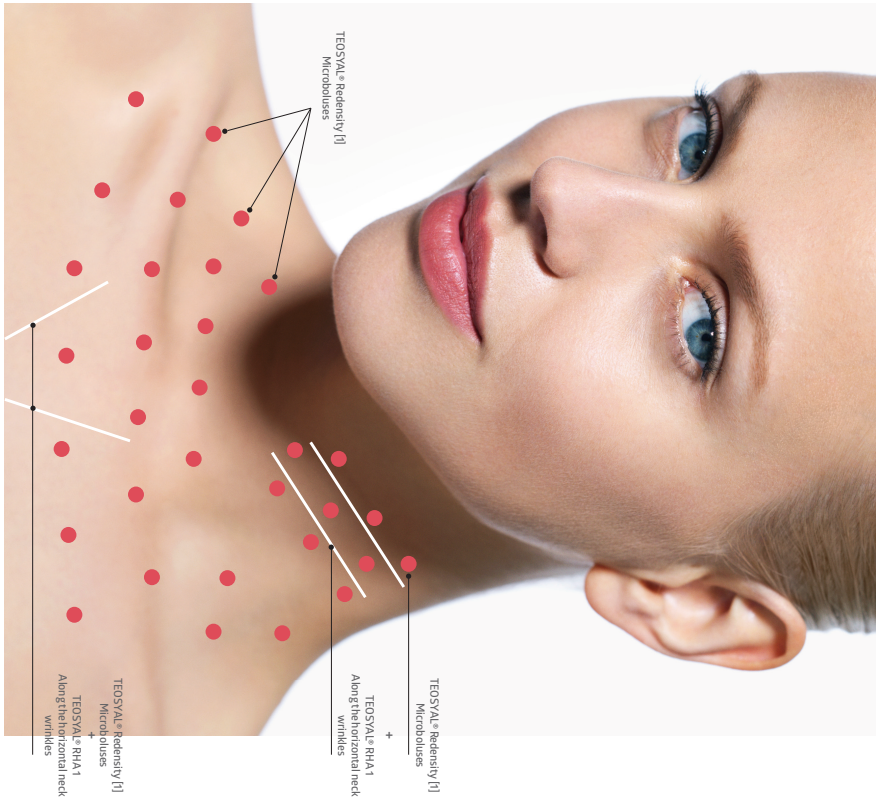


Figure 1: Treatment of neck lines and décolleté with TEOSYAL® Redensity [I] (morphotype I) or the combination TEOSYAL® Redensity [I] + TEOSYAL® RHA 1.

MORPHOTYPE STAGE (FVS)	PATIENT AGE (YEARS)	FEATURES
I	25-40	Light dyschromia Dull and rough skin Thin wrinkles/lines
II	40-60	Diffuse dyschromia, telangiectasias Dull and rough skin Moderate wrinkles/lines
III	>60	Diffuse dyschromia, telangiectasias Thickened and yellowish skin, crumpled look, yielding oval, Deep wrinkles/lines

Table 1: Skin ageing and associated morphotypes

Wolfgang Redha-Swoboda
General Surgeon practicing in Munich, Germany, as a free based Aesthetic Surgeon, International consultant for TEOSYAL® Laboratories, Member of the German Society of Surgeons, the European Academy of Cosmetic Surgery, International Society for Aesthetic Medicine, and European Academy of Anti-Aging Medicine. Running cadaver courses and lectures with several European universities.