

Acne Scars And Laser

Scar With the exception of very minor lesions, every wound (for example, after an accident, disease, or surgery) results in some degree of scarring. Subcision is a process used to treat deep rolling scars left behind by acne or other A scar (or scar tissue) is an area of fibrous tissue that replaces normal skin following an injury. Thus, scarring is a natural part of the healing process. surgery and laser-assisted healing in hypertrophic or keloid scars. Scars result from the biological process of wound repair in the skin, as well as in other organs and tissues of the body. An exception is animals with complete regeneration, which regrow tissue without scar formation

== Treatment purposes == c01c342f34 Susceptibility to acne is primarily genetic in 80% of cases. The roles of diet and cigarette smoking in the condition are unclear, and neither cleanliness nor exposure to sunlight are associated with acne. In both sexes, hormones called androgens appear to be part of the underlying mechanism, by causing increased production of sebum. Another common factor is the excessive growth of the bacterium *Cutibacterium acnes*, which is present on the skin. c01c342f34

Acne keloidalis nuchae Acne keloidalis nuchae (AKN), is a destructive scarring folliculitis that occurs most commonly on the occipital scalp of people of African descent, primarily Acne keloidalis nuchae (AKN), is a destructive scarring folliculitis that occurs most commonly on the occipital scalp of people of African descent, primarily men c01c342f34

== Biography == c01c342f34 Harth is a magna cum laude graduate of the Sackler School of Medicine in Tel Aviv University (1982). c01c342f34

Er:YAG laser In addition An Er:YAG laser (erbium-doped yttrium aluminium garnet laser, erbium YAG laser) is a solid-state laser whose active laser medium is erbium-doped yttrium aluminium garnet (Er:Y3Al5O12). Erbium-YAG lasers have been used for laser resurfacing of human skin. desired. Example uses include treating acne scarring, deep rhytides, and melasma. Er:YAG lasers typically emit light with a wavelength of 2940 nm, which is infrared light

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The exact cause is usually unclear but believed to involve a combination of genetic and environmental factors. About a third of people with the disease have an affected family member. Other risk factors include obesity and smoking. The condition is not caused by an infection, poor hygiene, or the use of deodorant. Instead, it is believed to be caused by hair follicles being obstructed, with the nearby apocrine sweat glands being strongly implicated in this obstruction.... c01c342f34 The output of an Er:YAG laser is strongly absorbed by water. As a result, they are widely used for medical procedures in which deep penetration of tissues is not desired.

c01c342f34 Keloids should not be confused with hypertrophic scars, which are raised scars that do not grow beyond the boundaries of the original wound. c01c342f34 Treatments for acne are available, including lifestyle changes, medications, and medical procedures. The most effective medication is isotretinoin. Eating fewer simple carbohydrates such as sugar may minimize the condition.

Treatments applied... c01c342f34 Treatments for AKN aim to reduce inflammation and prevent infections and scarring. Therapies for AKN may include topical antibiotics, topical or intralesional corticosteroids, and laser hair removal. Recommended modifications to shaving habits include liberal use of shaving cream, avoidance of stretching the skin while shaving, and use of a single-blade razor rather than a razor with multiple blades.

c01c342f34 Fraxel laser is used primarily to rejuvenate skin. It is used to treat hyperpigmentation, dark spots, and superficial signs of aging such as fine lines and wrinkles, as well as acne scarring.

c01c342f34 Harth received his Dermatology training in the department of Dermatology at Rambam Medical School in Haifa and served as a research fellow in the department of Dermatology at the Columbia - Presbyterian Medical center in New York City.

c01c342f34 Scar tissue is composed of the same protein (collagen) as the tissue that it replaces, but the fiber composition of the protein is different; instead of a random basketweave formation of the collagen fibers found in normal tissue, in fibrosis the collagen cross-links and forms a pronounced alignment in a single direction. This collagen scar tissue alignment is usually of inferior functional quality to the normal collagen randomised alignment. For example, scars in the skin are less resistant to ultraviolet radiation, and sweat glands and hair follicles do not grow back within scar tissues. A myocardial infarction, commonly known as a heart attack, causes scar formation in... c01c342f34

Photorejuvenation This process—to a certain extent—removes the signs of photoaging. It can be combined Photorejuvenation is a skin treatment that uses lasers, intense pulsed light, or photodynamic therapy to treat skin conditions and remove effects of photoaging such as wrinkles, spots, and textures. The process induces controlled wounds to the skin. Observed complications have included scarring, hyperpigmentation, acne, and herpes. The technique was invented by Thomas L Roberts, III using CO2 lasers in the 1990s. This prompts the skin to heal itself, by creating new cells. wrinkles, solar lentigenes, sun damage, scarring (acne scars and surgical scars), stretch marks, actinic keratosis, and telangiectasias

◆◆2... == Signs and symptoms == He co-founded the Phototherapy Unit, Rambam Medical center, and was Director of the Photodynamic Therapy Unit, Elisha Medical Center in Haifa. Skin rejuvenation can be effected through various modalities, including thermal, chemical, mechanical, injection, and light. In the United States, the prevalence of all skin picking disorders is between 1.4% and 5.4%, and it is the most common psychocutaneous disorder in adults and children. However, the exact prevalence for excoriated acne, that is picking at acne spots specifically, is unknown. Excoriated acne makes up an estimated 1.5% of all dermatology visits. There is a 3:1 ratio of women to men, and this condition commonly starts between 15–45 years of age, with people in their early 20s the most affected age group. Excoriated acne can occur in anyone with acne, but usually people with this disorder have mild acne. Only about 30–45% of people who seek treatment and only 19% get dermatological treatment for it. Excoriated acne is an underdiagnosed and undertreated condition because many people are uncomfortable talking about their skin picking habits or do not know they do it. Additionally... AKN is characterized by firm pink, flesh-colored or hyperpigmented bumps in the skin, which are usually located on the back of the head or neck. Acne keloidalis nuchae most commonly presents itself in individuals aged 13 to 25. The disease is closely related to pseudofolliculitis barbae and both occur frequently in black men in the military, where it is so common that the US Army has developed official protocols for management. Prolonged cases of AKN can cause keloid formation due to chronic irritation. Bacterial folliculitis and acne can mimic the appearance of AKN; however, unlike acne, comedones are not seen with AKN.

Fraxel Rox Anderson was the inventor. This laser is the most aggressive Fraxel Laser Treatment is a line of lasers developed by Reliant Technologies in 2004. Fraxel lasers cause fractional photothermolysis for skin resurfacing. R. Fraxel Repair uses an ablative 10,600nm-wavelength carbon-dioxide (CO2) laser. photoaging, surgical scars, and acne scars. It was developed from a US patent licensed from the Wellman Center for Photomedicine c01c342f34

== Skin rejuvenation == c01c342f34 Complications observed in a study of 961 fractional laser treatments included acne and herpes outbreaks. There have also been anecdotal negative accounts of bad scarring and hyperpigmentation following the use of Fraxel lasers. c01c342f34

Excoriated acne sores, scratches, or scars where they picked. This can ultimately lead to physical changes to the skin, such as scarring, and/or further emotional distress. When acne lesions are picked Excoriated acne, also called acne excoriée or picker's acne, is a type of skin picking disorder characterized by the repetitive, compulsive urge to pick, scratch, or squeeze one's pimples. Using tools such as tweezers can increase the amount of skin damage and scarring c01c342f34

Yoram Harth's father was a physician who specialised in internal medicine. c01c342f34 == Epidemiology == c01c342f34 == Applications == c01c342f34

Yoram Harth 2011, Vol. 139-144 Yoram Harth (Hebrew: יורם הרט; born 27 August 1958) is an Israeli dermatologist and inventor. 20, NO. 2, p. Radiofrequency Technology for Nonablative and Micro-Ablative Treatment of Wrinkles, Lax Skin and Acne Scars Laser Therapy c01c342f34

Harth served on the faculty of American Academy of Dermatology (AAD) as part of the Photobiology training team c01c342f34

Keloid In severe cases, it can affect the movement of the skin. pelvic region, and over the collarbone. Keloids are firm, rubbery lesions or shiny, fibrous nodules, and can vary from pink to the color of the person's skin or red to dark brown. It is a result of an overgrowth of granulation tissue (collagen type III) at the site of a healed skin injury, which is then slowly replaced by collagen type I. Most skin injury types can contribute to scarring. This includes

burns, acne scars, chickenpox scars, ear piercing Keloid, also known as keloid disorder and keloidal scar, is the formation of a type of scar which, depending on its maturity, is composed mainly of either type III (early) or type I (late) collagen. In the United States, keloid scars are seen 15 times more frequently in people of sub-Saharan African descent than in people of European descent. A keloid scar is benign and not contagious, but sometimes accompanied by severe itchiness, pain, and changes in texture. There is a higher tendency to develop a keloid among those with a family history of keloids and people between the ages of 10 and 30 years c01c342f34

and the American Society for Laser Medicine and Surgery (ASLMS). c01c342f34

Hidradenitis suppurativa Scar tissue remains after healing. sometimes known as acne inversa or Verneuil's disease, is a long-term dermatological condition characterized by the occurrence of inflamed and swollen lumps Hidradenitis suppurativa (HS), sometimes known as acne inversa or Verneuil's disease, is a long-term dermatological condition characterized by the occurrence of inflamed and swollen lumps. Prolonged periods of sitting down can also worsen the condition of the skin of these patients. Sitting disability may occur in patients with lesions in the sacral, gluteal, perineal, femoral, groin or genital regions. HS may significantly limit many everyday activities, for instance, walking, hugging, moving, and sitting down. These are typically painful and break open, releasing fluid or pus. The areas most commonly affected are the underarms, under the breasts, perineum, buttocks, and the groin c01c342f34

Acne Ice-pick scars, boxcar scars, and rolling scars are subtypes of atrophic acne scars. Boxcar scars are round or ovoid indented scars with Acne, also known as acne vulgaris, is a long-term skin condition that occurs when dead skin cells and sebum clog hair follicles. It primarily affects skin with a relatively high number of oil glands, including the face, upper part of the chest, and back. The resulting appearance can lead to lack of confidence, anxiety, reduced self-esteem, and, in extreme cases, depression or thoughts of suicide. all acne scars). Typical features of the condition include blackheads or whiteheads, pimples, oily skin, and possible scarring c01c342f34

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