

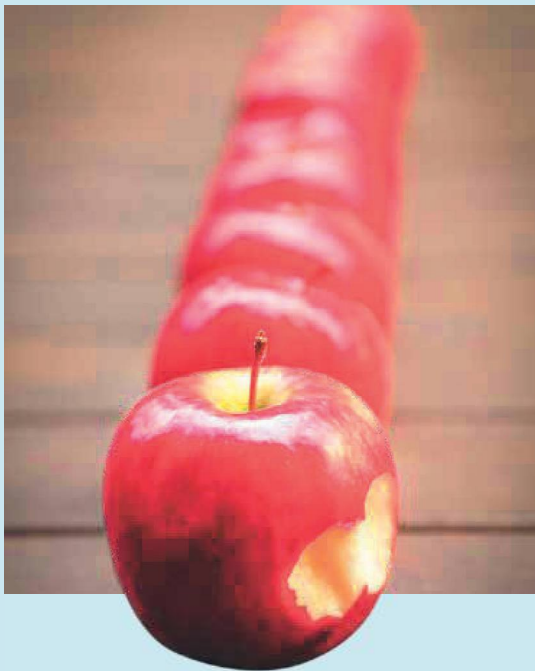


Photo by Peter Kasprzyk on Unsplash



# Dental technology

By James Harris



Israel is highly developed technologically. Indeed, it is considered a world leader in that area and is one of the world's leading centers of innovation. Israel works with individuals and start-up companies that are developing new technologies, new products and new services. Many of these developments are health-oriented medicines and medical devices. These devices are a great help to doctors. They help doctors diagnose illnesses and help surgeons perform complex operations.

Medical devices are also helping dental practitioners, such as aiding them to perform implants. Implants are part of the field of dentistry known as prosthodontics, dental prosthetics or prosthetic dentistry, which focuses on dental prostheses. It is one of nine dental specialties recognized by the American Dental Association (ADA) and other accredited dental institutions. The ADA defines it as "The dental specialty pertaining to the diagnosis, treatment, planning, rehabilitation and maintenance of the oral function, comfort, appearance and health of patients with clinical conditions associated with missing or deficient teeth or oral and maxillofacial tissues using biocompatible substitutes."

In Israel, implants have become very common.

Mijiritsky Eitan, chairman of the Israel Society of Prosthodontics, says, "We hold the world record per capita for the number of implants performed in this country."

The reasons are manifold, he explains. People who have lost their teeth prefer implants to having false teeth, which have to be removed at night, and can cause great embarrassment if they fall out as they sometimes do. Consequently, the public is well aware of the advantages of dental implants. In addition, Israel has quite a large number of companies that manufacture implants and their accessories, as well as science-oriented companies that develop dental medical devices. One of the developers of dental medical devices is Forum Technologies, a leader in the dental device market for more than 30 years. It has developed a device called Implant Spotter. The innovative device facilitates the time it takes to locate implants that are embedded in the gums. The device has been authorized by the FDA, the American Food and Drug Authority (FDA), which is the only government body authorized to allow the use of new drugs, foods and medical devices in the US.

The Implant Spotter minimizes pain for the patient and shortens the time it takes to perform the implanting process. It is advantageous for



Photo by Matthew Poetker on Unsplash

the dentist, who has part of his work simplified, and for the patient, who will suffer less pain and have the procedure be over with more quickly. Implants be a lengthy process, and the Implant Spotter can shorten the time by locating the embedded implant almost immediately.

Most implants involve the process of extracting the damaged tooth and, after a certain amount of time, executing the implant. After that, it takes another few months until a metal screw is attached to the implant. Only after that is the false tooth attached to the implant and the process is completed.

Sometimes it is difficult to locate the implant. With time, it may have been covered by the gum tissues or may have moved from its original location. Locating the implant may be a lengthy and painful process for the patient and may necessitate making incisions in the gum.

Utilizing advanced technology, the Implant Spotter is a precise, user-friendly, cost-effective instrument for the skilled implantologist and the general practitioner. The device is small, the size of a pen, with a sensor at its head. It operates through the use of electromagnetic pulses and a sensor. The dentist slowly moves the device along the relevant section of the gum. When the sensor detects a metal object (all implants are made of metal), it emits a beep, thereby pinpointing the exact location of the implant.

# Nofei Hasharon: Quality living for golden agers



**N**ofei Hasharon, a quality assisted living center in Netanya, boasts a panoramic view of the city and the Sharon area. The building is next door to the Sharon Shopping Mall, the Municipal Cultural Hall, Holmes Place and has easy access to all community services: a modern shopping center, supermarket, cafes, restaurants, post office, etc. It is only 10 minutes from the beach and the beautiful Netanya boardwalk and is situated very close to all major thoroughfares.

The residents of Nofei Hasharon live in spacious, well-lit and tastefully designed apartments ranging from studio apartments to 2.5 -3 rooms.

The residents enjoy a variety of services including a health service basket, maintenance and cleaning, food and welfare

services, as well as a myriad of cultural, sport and social activities. Lectures on a wide spectrum of interesting subjects, trips, enrichment courses, bridge, arts and crafts, movies, concerts, folk dancing - all with the most professional people.

The high quality, professional staff welcomes our residents willingly with love and patience. Our residents' independence and their continued active, busy, high-quality lifestyle, in familiar and cultural surroundings are what make Nofei Hasharon much more than just a place to live - it is a home for life.

Recently, a state-of-the-art convalescent unit was opened with spacious rooms including a kitchenette and bathroom. These are designated for convalescence and rehabilitation (agreements with all HMOs).

Nofei Hasharon - 7 Derech Petah Tikva, Netanya  
www.nofei-hasharon.co.il | Tel: (09) 860-1777

## Dr. Fischer skin products

By Jason Blackstone



All photos courtesy Dr. Fischer

**W**inter is on its way. The oppressive heat and humidity of the summer months are over, and the weather is cooling down. In both summer and winter, Dr. Fischer offers a range of products for the care and treatment of the skin.

Enriching the skin with moisture gives it a healthy and vital look, especially in the winter months when the atmosphere is dry. The Effective Care line is based on a number of hypoallergenic compositions for a variety of skin types. The line includes body lotions and hand creams, which nourish the skin with 24-hour moisture; provide protection from environmental and climate damage; help soften and soothe the skin; and give it a younger, healthier look.

The soothing body lotion for dry and irritated skin treats redness, softens the skin and maintains moisture.

And what about the face? In the windy and dry winter months, it is important to keep your face moist. Genesis is an advanced anti-aging line of products with more than 50 years of dermatological experience combined with topnotch scientific expertise in the development of sun protection products.

For mature skin that becomes extremely dry, Dr. Fischer developed the Genesis Age Control series, a breakthrough in the anti-aging line of products. They contain sunscreen, SPF 30, which provides high UVB & UVA protection from the sun's rays. The cream contains RENOVAGEI, an innovative component that aids in the treatment and combatting of age spots. The AQUAXYL is an innovative component that provides moisturization, which is ideal for winter. The line also includes restorative night cream, SPF 30 eye cream for a radiant look, and restorative serum oils.