Federal State Educational Institution of Higher Education «Perm State Medical University named academician E.A. Wagner»

Department of Foreign Languages

DENTISTRY ABROAD

Student: Magsumova Elina Ayratovna

Medical-preventive Faculty

Group 21-01

Scientific adviser: ass.prof. Lyamova O.O.

Recently, dental tourism has become more and more popular, that is, dental treatment in other countries. In such tourism, people are attracted by both reliability and prestige. And this is true, because many countries boast the latest equipment and modern treatment methods.



Dental clinics in Hungary provide high-quality, world-class services for treatment, prosthetics, periodontics, orthodontics, and aesthetic dentistry:

Therapeutic dentistry in Hungary. The therapy uses the latest filling materials, pain relievers. Patients can easily tolerate procedures due to the use of application anesthesia, local anesthesia or local anesthesia.

Periodontics in Hungary. In the treatment of periodontitis, the latest highly effective technique is used - antimicrobial photodynamic therapy, which helps to destroy only pathogenic bacteria. A single procedure is sufficient to normalize the flora.

Orthodontics in Hungary. To correct a bite, a curved dentition, myotherapy, specialized devices, and surgical techniques can be used. The most progressive technique for restoring a lost tooth is the installation of an implant, which is a rather serious surgical intervention.

Aesthetic dentistry in Hungary. Hungarian dentists use veneers for aesthetic restoration, in the production of which ceramics and glass polymers are used. They are also used for cosmetic purposes to obtain a snow-white, beautiful smile.

Chinese dentistry

Every dental clinic in China is a fierce opponent of tooth extraction. The patient is initially offered to restore the aesthetic beauty of the teeth using the restoration method.

1) Prosthetics

Prosthetics in Chinese dental hospitals, allows you to get rid of the following diseases: problems of the gastrointestinal tract, poor bite, misalignment of the teeth.

2) Implantation

Implantation in China is more in demand than prosthetics. The main advantage of implantation in China is low prices. For a low cost, you can install Japanese implants and crowns for them.



Dentistry in Italy

ITALIAN DENTISTS USE:

- innovative microscopes,
- apex locators,
- computer tomographs,
- digital x-ray.

As a result, it is possible to eliminate the inflamed tissue, process and properly fill the root canals.

ADVANCED DENTAL TREATMENT IN ITALY:

- -caries therapy without drilling a tooth with burs,
- -preparation of tissues under a microscope,
- -depophoresis (the introduction of medicinal substances into the root canals using an electric current),
- -removal of calculus with ultrasound,
- -removal of plaque by the Air-flow system.

Dentistry Israel

Therapeutic dentistry includes: pulpitis treatment, cosmetic restoration, correction, teeth whitening and periodontal treatment.

One-stage implantation. Israeli dentists place a dental implant using the transgingival method - without incision of the gums. The advantage of this method is that no augmentation is required to install the implant.

Surgical dentistry. applies if: the tooth injures the tongue, the tooth has several roots or has decayed.

Dentistry in Japan

Dental treatment in Japan can be safely called the most painless in the world. In addition to their efforts to create a supportive atmosphere during the appointment, Japanese dentists practice:

- the use of ultra-thin needles for local anesthesia;
- non-vibration teeth drilling technology.

In Japan, all public elementary, middle, and high schools have their own dentist. An oral health check for all students includes a check for:

- caries,
- -malocclusion,
- -gum condition,
- -plaque.



Dentistry in Germany

<u>Laser dentistry</u>, lasers allow for more accurate preparation of the cavity, avoiding the thermal side effects of processing with a drill, and are associated with a lower risk of bleeding and the need for sutures during surgical operations.

Air abrasion. The special handpiece delivers a powerful stream of air with very fine abrasive particles to the teeth, which removes the damaged dental tissue.

Oral cancer screening. The technology works by visualizing and analyzing abnormalities of the oral mucosa that may not be visible to the naked eye.

<u>T-Scan bite analysis.</u> T-Scan measures the bite force generated by each tooth. This enables doctors to pinpoint the location of the imbalance and recommend treatment that will help not only solve the aesthetic problem, but also preserve dental health for a long time.

Dentistry in Germany

<u>Digital smile design.</u> German doctors use the latest software so that the patient can see the end result of treatment, restoration or prosthetics.

<u>Materials for restoration.</u> Composite resins are currently used for the manufacture of veneers, fillings and dental restorations.

Intraoral camera. This tool is extremely useful for diagnosing pathologies such as tooth decay or cracked teeth.

<u>Digital X-ray</u>. With the help of a digital X-ray, German dentists can quickly and accurately diagnose pathologies such as abscesses or cysts, bone loss, and dental malformation.

Summing up:

Methods of diagnosis and treatment detailed examinations:

- functional diagnostics of dental occlusion, diagnostics of periodontal disease, bacterial plaque, laser fluorescence for the assessment of caries, photo documentation with 30x magnification, digital radiology,
- -aesthetic analysis modern methods of root canal treatment using an operating microscope and ultra-flexible nickel-titanium alloy instruments; three-dimensional filling of root canals,
- -regeneration of tissues, bones and teeth supporting apparatus lost during periodontal disease, tissue cultivation using tissue engineering techniques.
- -all types of treatment are carried out using modern methods of anesthesia: local anesthesia, shallow anesthesia, incubation anesthesia