

## CROSS D-1051A PODOLOGY (MEDICAL HAND & FOOT CARE) DEVICE



The podology; It is a science that deals with foot health and diseases. It is a treatment method that works in collaboration with physicians with preventive treatment methods on foot diseases, as well as preventive and healthy feet.

Early diagnosis is also very important in diseases that can be seen on the hands and feet. The podologists trained on this subject evaluate the foot from all aspects, guide the patient to the specialist physician, help their early diagnosis and treatment, and play an important role in post-treatment care.

### **MEDICAL HAND AND FOOT CARE**

In medical hand and foot care, nail cutting forceps that are sterilized with aqueous podology devices and protective preventive apparatus are used. The dead parts of the skin and nails are mechanically cleaned and the patient does not have pain or during this process since it is not studied in living tissue. In medical hand and foot care, not only nail and skin care, but also the entire hand and foot of the patient are evaluated. In this evaluation; measurements and directions are made for the condition of the skin, the appearance of its vessels, the presence of nerve losses, the right shoes and socks. Medical hand and foot care is different from manicure and pedicure process, in this process, hands and feet are not put into water and wetted cream is used and disinfected. Because the dead tissue and healthy tissue cannot be separated in wet skin, if this separation cannot be made, the healthy skin thickens and hardens in order to protect itself. While this increases the frequency of manicures and pedicures, it is sufficient to have one treatment per month since medical hand and foot care is only studied on dead tissue.

## **TREATMENTS;**

### **NAIL FUNGUS TREATMENT**

Nail fungus is one of the most common nail diseases. Due to the color changes and deformities in the nail, it disturbs the patients aesthetically and negatively affects the quality of life for the person. This discomfort, which may occur when different types of fungi settle on the nail, causes the nail to grow late. If left untreated, the fungus can move towards the nail root and settle on the entire nail, the nail becomes thicker and deformed. For the treatment of nail fungus; The podologist, who facilitates the treatment, is brought to its normal thickness with the milling device in the Podology device. Fungus; Because they love moist and dark environments, shoe and socks cleaning, patients' daily foot care are told by the podologist. Fungus nails; With the collaboration of dermatologist, patient and podologist, they get a healthy appearance as soon as possible

### **SUNKEN NAIL CARE AND TREATMENT**

Due to the wrong cutting of the nails, genetic predisposition, wrong shoe and nail bed deterioration, it extends towards the skin around the nail and after a while it causes discomfort to the patient. Ingrown problem, which is generally seen on the toenails of hands and foot, can also be seen on small nails. If this discomfort in the nails is not treated early, an infection may occur on the skin around the nail. Usually in manicure pedicure salons or patients try to remove the ingrown nail by their own effort. However, the removal of the wreck is not a permanent solution, podologists are examined and produce a permanent solution, and a suitable system is applied according to the person's nail thickness and daily activities. It is ensured that the nail bed is corrected and the nail does not sink again with the wire systems or materials adhered on the nail by the podologist.

### **CALLUS CARE AND TREATMENT**

Callus is the skin's self-protection by thickening and hardening after being exposed to pressure and rubbing. Calluses can be caused by the use of wrong shoes, wrong socks, foot and toe deformities, and wrong foot pressure. Callus, which is only an aesthetic problem for some people, starts to press on nerve endings and capillaries when it is exposed to more pressure and friction. Therefore, it can cause very serious pain in most people. Especially the calluses formed between the fingers affect the daily life of the person negatively. In the podological care of calluses, after examining to understand which point the callus has reached, calluses are cleaned painlessly with milling devices. However, since mechanical cleaning will not be a permanent solution alone, it is aimed to get rid of the patient's pain in a single session by using materials that will reduce the load around the place where pressure or friction is observed by looking at why callus occurs.

### **DFOOT CARE AND TREATMENT IN DIABETED PATIENTS**

Foot problems are more common in people with diabetes than in people without diabetes and have special risks. The feet under pressure are the most vulnerable organ to injuries. Problems;caused because of wrong shoe and socks selection, wrong nail cutting, etc. In some patients, as the nerves lose their functions, pain, warmth and tactile sensation may decrease. For this reason, the person cannot notice the wounds or the foreign bodies sinking in the foot, the noticing of the wound carries a great risk for infection. While the podologist firstly informs the specialist physician in certain periods by performing the sensory tests (pain, temperature and touch feeling tests) of the foot and the pulse control, it also educates the patients about preventive studies in order to prevent the patients from reaching the diabetic foot level and to prevent foot wounds.

### **FOOT CARE AND TREATMENT OF ATHLETES**

Due to the excessive exposure of the feet in athletes; Dermatological problems such as nail and finger deformities and skin diseases are seen in a wide variety. Early recognition of these problems can prevent poor performance of the athletes. The podological maintenance plan of the athletes; It is created in a way that does not interfere with its activities according to the sport branch and protection methods are applied to prevent problems from occurring again.

### **PROSTHETIC NAIL**

Prosthetic nail is one of the innovations that emerged with the progress of beauty and care sectors. Prosthetic nail is an application that gives the person a healthy and aesthetic nail appearance. Prosthetic nail provides a great ease of use to women. It saves women who need to have a manicure all the time. It is an easier method to apply than demanding applications such as artificial nails and provides a more natural appearance. It even looks like the person's own nails. Podology device is required for prosthetic nail application. Prosthetic nail is applied after applying a protector on the person's own nails. So it does not damage real nails. And it doesn't prevent the real nail from breathing. Nail polish can be applied on it, and it will make the nail polish more permanent.

### **PERMANENT NAIL POLISH APPLICATION**

It is an application that maintains its permanence on the nail without any deformation for a long time. With permanent nail polish application, nail polish does not come off or spoil for a very long time. A smooth, shiny and well-groomed appearance is obtained. It covers nail defects. Podology device should be used in permanent nail polish application.

### **DRY MANICURE PEDICURE APPLICATION**

In applications with watery system, after the softening of the nail edges, the hand or foot is removed from the hot water and the manicure and pedicure process is started. After the process is finished, the hand is creamed and nail polish is applied if desired... Unlike the conventional method, in dry manicure application, hygiene, personal care, intensive nail care are aimed. Podology device is required for dry manicure and pedicure application.

## USAGE AND TREATMENT AREAS

- Nail fungus treatment
- Sunken nail care and treatment (perfect result without pain and without getting into the tip of the nipple with ingrown tips)
- Callus care and treatment (getting rid of calluses that hurt you, fast and reliable method)
- Foot care treatment in patients with diabetes
- Foot care and treatment of athletes
- Prosthetic nails (quickly filing and shaping prosthetic nails with a special prosthetic nail file)
- Permanent nail polish application (quickly filing and shaping natural and prosthetic nails with a special nail file)
- Manicure Pedicure (quickly filing and shaping natural and prosthetic nails with a special nail file)
- Perfect filing of the heels without feeling the body with the heel filing tips.

## TECHNICAL SPECIFICATIONS

*Handle spin speed can be adjusted from 2,000 to 40,000 rpm*

*Option to rotate left or right on the handle ends.*

*Open and close the water spray system*

*Water spraying power level adjustment*

*Control from touch LED screen*

*200ml water tank*

*Foot pedal*