

## **Botulinum injection under EMG control, and preparation for the treatment procedure**

Botulinum toxin injections are used to treat movement disorders with excessive increase in muscle tone (such as dystonia and spasticity).

The procedure usually takes 15 to 30 minutes.

### **Before the treatment procedure**

You can eat and drink normally. Please wear clothes that allow you to easily reveal the treatment area.

### **During the treatment procedure**

A thin needle is used to register the electronic activity of a muscle, and the botulinum toxin is then injected into the targeted muscle. The effect of botulinum toxin is the decreased muscle strength. Occasionally, the treatment may weaken the muscle more than intended. For example, botulinum toxin injected near the mouth or in the neck may cause temporary difficulties in swallowing, and injections near the eyes may cause difficulties in closing the eyelids.

Usually, this procedure does not cause any other after-effects. However, temporary hematoma in the puncture site, local pain, minor tissue damage, and -very rarely- a local infection are possible. Some patients with chronic pain may experience transient increase in their pain intensity for about one day, however, this occurs only rarely.

The effect of the drug appears 3-14 days after the drug injection.

### **After the treatment procedure**

If you do not know how your the treatment continues, please contact the outpatient clinic or ward that referred you to this treatment procedure.

### **Other things to note**

Please take your Kela-card or identification with you.

Cancel the appointment if you cannot come. If you do not cancel, you will be charged a fine.



**Patient Instruction**

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HUS Medical Imaging Center

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