



Moderate scoliosis that remains clinically unobserved for a lengthy period of time (subclinical stage) can become with aging and lack of suppleness a major handicap presenting:

- a series of painful spinal locking either lumbar, dorsal, or cervical,
- coupled with a general state of fatigue without any apparent organic reasons.

Observation 2

It is in this section we will attempt to explain the evolution of acute pain due to cervical stiffening towards eventual chronicity when medical diagnosis has not been correctly or rigorously established and self-medication does not provide expected results.

When faced with painful neck stiffness only your attending physician has the capacity to establish a personalized and effective treatment.

3

Do not confuse radiating cranium pain caused by chronic stiffness of the neck with:

Migraines

Migraines are a completely different disease which affect nearly 10% of the French population and is more predominant in women. It is a under diagnosed disease, even if today the symptoms are clearly identified and the diagnostic precise.

They are splitting headaches or typical headaches that affect half of the skull, with a feeling of pulsations that are sometimes intense.

Patients isolate themselves in the dark because physical efforts, light and noise increase clinical symptoms. Nausea and vomiting are not rare.

Attacks can last for up to 3 days.

The close frequency builds to the point of a handicapping condition that affects quality of life in professional, social and family environments.

Rapid and structured intervention by a multidisciplinary medical team is beneficial, and avoids evolution towards:

- chronicity,
- daily chronic headaches,
- and an over consumption of medication that provides no relief.

Self-medication does not have its place for this condition.

How to relieve stiffness in the nape of the neck to prevent an evolution towards chronicity:

Existing Methods

Painkillers

When taken rapidly on the onset of the first pains, painkillers can be efficient. If you know and follow their length of action. Because they are sold over the counter, they are easy to get and when influential factors are unrecognized and not taken into consideration, it often results in abuse in medication especially when the symptoms of "pain" are already chronic.

Tranquillizers

Taking "tranquillizers can reduce anxiety which is always an aggravating factor of spinal muscular stress. But often we observe that when the condition is chronic and there is over consumption of medication it leads to severe dependence. Withdrawal from the drug is integrated in the medical treatment.

Massages, kinesitherapy,

paravertebral muscle relaxing massages, retraining of the static of the cervical spinal in space... are useful but must be an integral part of a global therapeutic strategy.

Acupuncture,

or even better electro-acupuncture with its dual action of relaxation and decontraction can relieve stiffness of the neck. It is under evaluated and it should be recommended more often but with the knowledge that it would not completely eliminate the basic problem.

4

Finally, a New Innovative Concept

GO patch

A simple, effective method that is always handy

Designed by Frances' IDT medical team, GO patch is an electronic, ultra compact and self powered medical device. It is equipped with a powerful microprocessor that provides a sophisticated program of low frequency modulation microstreaming. Modulation provides dual variance in frequency as well as a large stimulation range.

The stimulation program includes several different subprograms whose series aim to mobilize the muscular tendon tissues of the zone that requires treatment. The length of the whole procedure is 20 minutes.

These specifications offer dual action, relaxation and analgic. It relieves pain and progressively eliminates muscle tension in the nape of the neck and in this manner avoids an over consumption of medication and the fear of evolving into chronicity.

Thanks to its compact, wireless, and self adhesive concept, GO patch is easy to use and fits comfortably into your pocket making it readily available.

GO patch is unique and is protected by several international patents.

Observation 3

GO patch is a physical method, without any chemical product, that helps you relieve muscle spasms in the nape of the neck and helps prevent the development of chronicity.

Before using GO patch, a medical diagnostic is essential.

Description

GO patch is a medical device bearing medical certificate number CE 0434. It is made up of an ultra compact device controlled by a microprocessor and powered by a 3V battery CR2032.

GO patch is clipped to an interchangeable adhesive electrode called "patch".



GO patch is delivered ready to use with: the device already mounted on the adhesive patch - a 3V battery CR2032 - instructions and warranty

5

Technical Characteristics

Name: GO patch
 Model: WL-23U6
 Brand: IDT France
 Controls: ON+ and OFF- buttons
 Power supply: lithium 3V battery CR2032
 Electric current: biphasic 50mA
 low frequency 10 - 201
 range of stimulus 100 -150
 channel = 1
 mode = burst

Timer: 20 minutes - automatic stop
 Self adhesive electrode: disposable, with gel

Delivered in an individual box with:

- battery x1
- self-adhesive electrodes x2
- instruction manual x1
- soft protective bag x1

Optional Accessories in 2-unit pack:

- 3V lithium batteries CR2032
- self-adhesive electrodes

Sold in pharmacies, dealers or on-line at: www.slim-tens.com