

## Main

*Note: This record shows only the 20 elements of the WHO Trial Registration Data Set. To view changes that have been made to the source record, or for additional information about this trial, click on the URL below to go to the source record in the primary register.*

**Register:** ACTR  
**Last refreshed on:** 22 January 2008  
**Main ID:** ACTRN12608000023358  
**Date of registration:** 16/01/2008  
**Primary sponsor:** Istituto Rinaldi Fontani  
**Public title:** Evaluation of the effectiveness of the Neuro Postural Optimization therapy with Conveyer of modulating radiance to treat Dysfunctional Patellar Misalignment at the passage from the supine to the sitting position and vice versa in patients with a negative anamnesis for muscular or bone-relevant trauma.  
**Scientific title:** Evaluation of the effectiveness of the Neuro Postural Optimization therapy with Conveyer of modulating radiance to treat Functional Dysmetria  
**Date of first enrolment:** 1/09/1997  
**Target sample size:** 3700  
**Recruitment status:** Completed  
**URL:** <http://www.anzctr.org.au/ACTRN12608000023358.aspx>

## Countries of recruitment

Italy

## Contacts

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## Key inclusion & exclusion criteria

Inclusion criteria: Healthy subjects, with a negative anamnesis for muscular or bone-relevant trauma and pathologies during the last 2 years

Exclusion criteria: Subjects, with positive anamnesis for muscular or bone-relevant trauma in the last 2 years. Congenital malformation and other musculoskeletal or neurologically-known pathologies

Age minimum: 2 Years

Age maximum: 0 No limit

Gender: Both males and females

## Health Condition(s) or Problem(s) studied

Dysfunctional patellar misalignment

## Intervention(s)

In this study that has involved in eight years 3700 subjects, we have evaluated the effectiveness of the Neuro Postural Optimization (NPO) therapy with Conveyer of modulating radiance (CMR) to treat Functional Dysmetria The Functional Dysmetria (FD) determined by a neuropsychomotor attitude deriving from the adaptation at environmental stress. The NPO is a protocol with CMR finalized to correct FD.

Involves the application of a probe of the CMR on one specific point of the auricular pavilion for an activation time of roughly 500 mms. The CMR is a biomedical radiofrequency instrument. The intervention comprises three phases: Observation of FD carried out with subject in supine position, in sitting position, during the passage from supine to sitting position and vice versa. So as to quantify misalignment and then FD, we employed a not invasive calibre that we have specifically devised, with 1-mm-resolution. Treatment NPO with CMR therapy. Observation of the effect of NPO on FD carried out with subject in supine position, in sitting position, during the passage from supine to sitting position and vice versa. Assessment, at baseline and immediately at the end of treatment, after a two months, after one year. Each observation takes about three minutes, the NPO treatment with CMR therapy takes about one minute.

#### **Primary Outcome(s)**

The observation of the stable disappearance of Functional Dysmetria

#### **Secondary Outcome(s)**

The measurement of the stable disappearance of Functional Dysmetria we employed a not invasive calibre that we have specifically devised, with 1-mm-resolution, named Dismetrometro.

#### **Secondary ID(s)**

#### **Source(s) of Monetary Support**

Istituto Rinaldi Fontani

#### **Secondary Sponsor(s)**

Societa di Ottimizzazione Neuro Psico Fisica e CRM Terapia