



PRIVATE CLINICS
DI GIORNO REHABILITATION MEDICAL CENTRE

EXCELLENCE FOCAL SHOCKWAVE CENTRE
ORTHOPEDIC REHABILITATION & SPORT MEDICINE
BOLOGNA - ROMA - COSENZA - LAMEZIA TERME
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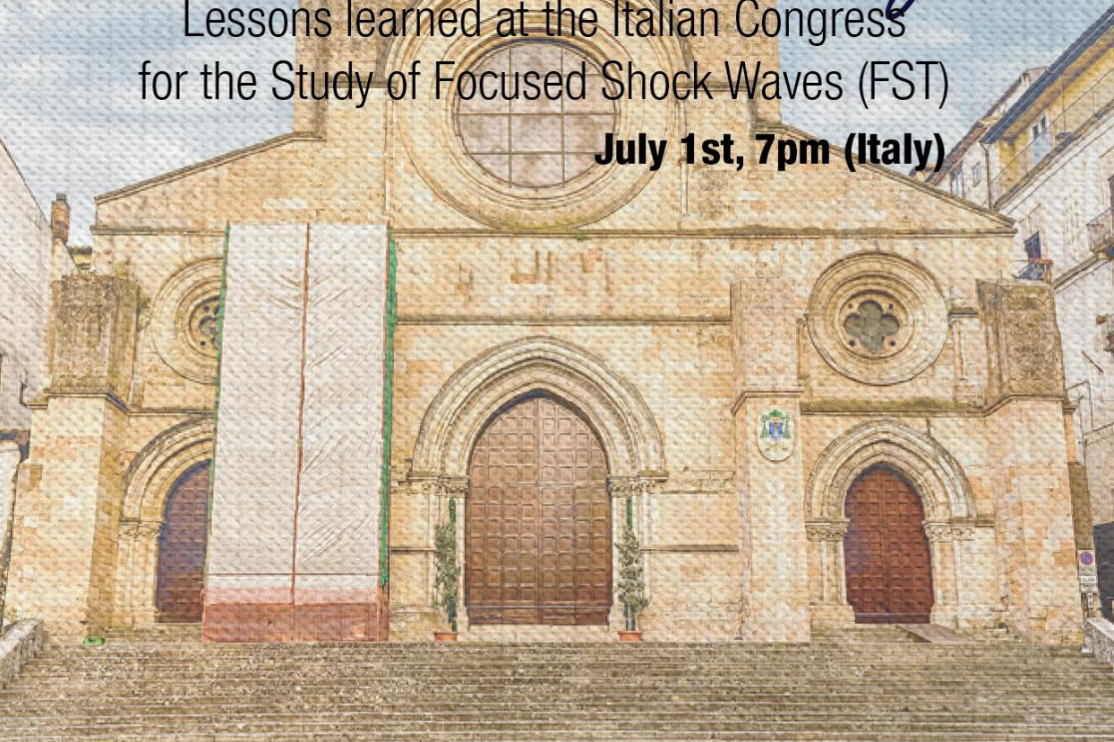


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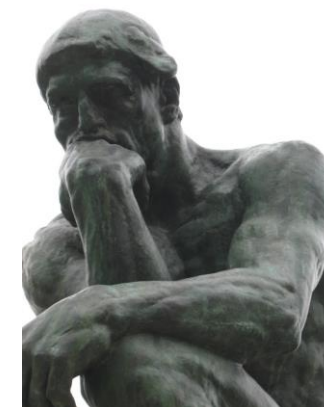
Welcomes Italy

Lessons learned at the Italian Congress
for the Study of Focused Shock Waves (FST)

July 1st, 7pm (Italy)



FSWT - Greater trochanter pain syndrome



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UNIMORE – Ospedale Policlinico di Modena
UOC Ortopedia e Traumatologia
Direttore prof. Fabio Catani

Direttore scuola di specializzazione prof. G. Porcellini

With the participation of the orthopedic
and traumatology services of the universities
Sapienza, Tor Vergata, UniMoRe and Magna Grecia.



Join us at **traumato.site**

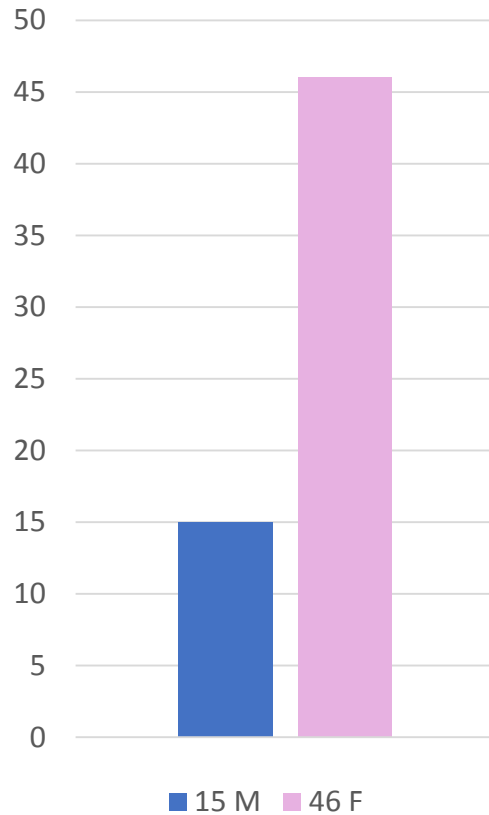
Sponsor:



Greater trochanter pain syndrome

61 patients:

- **Age** between 41 - 67 yr → Median = 55,5 yr
- **BMI** between 19 e 36,5:
 - 22 pt with BMI < 25 (Median BMI = 22,3)
 - 39 pt with BMI > 25 (Median BMI = 29,1)
- **Physical Activity Levels:**
 - 22 pt sedentary (36%)
 - 24 pt gentle (40%)
 - 15 pt moderate(24%)
- **Diagnostic investigation:** Xr -> US -> MRI
 - 36% calcification



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INCLUSION CRITERIA:

- Atraumatic pain
- Pain on palpation of GT
- Absence of medium-severe coxarthrosis
- Negative Lasegue's sign

EXCLUSION CRITERIA :

- Specific controindications of FSWT
 - Pregnancy
 - Inflammatory arthropaty
 - Infections
 - Neoplastic diseases
 - Coagulopathy or anticoagulant therapy
- Severe coxarthrosis
- Vertebral, hip or pelvis fractures



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PROTOCOL TREATMENT



- **N° of sessions**: 6 sessions, 1/week
- **N° impulses**: 3000/session
- **Energy power**: 0,20 milliJoule
- **Frequency**: 6 Hz
- **Pressure Exerted**: operator dependet
- **Manipulus angolation** : operator dependet
- **Manipulus movement**: operator dependet
- **Local anesthesia**: no



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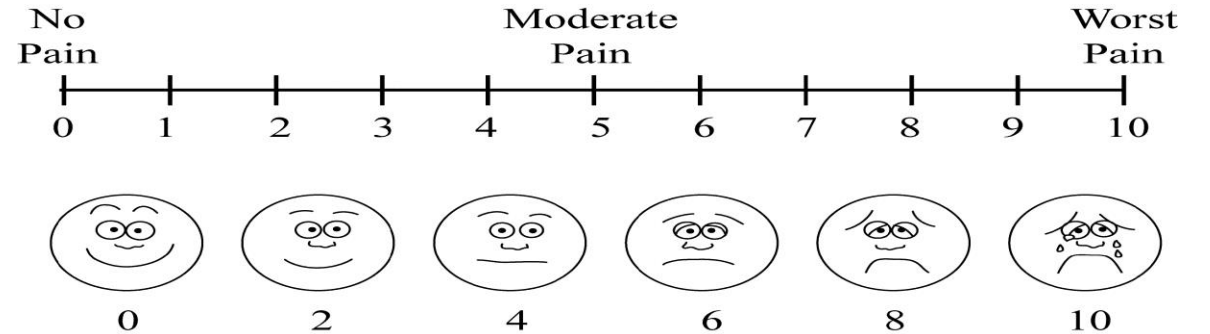
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EVALUATION SCALES

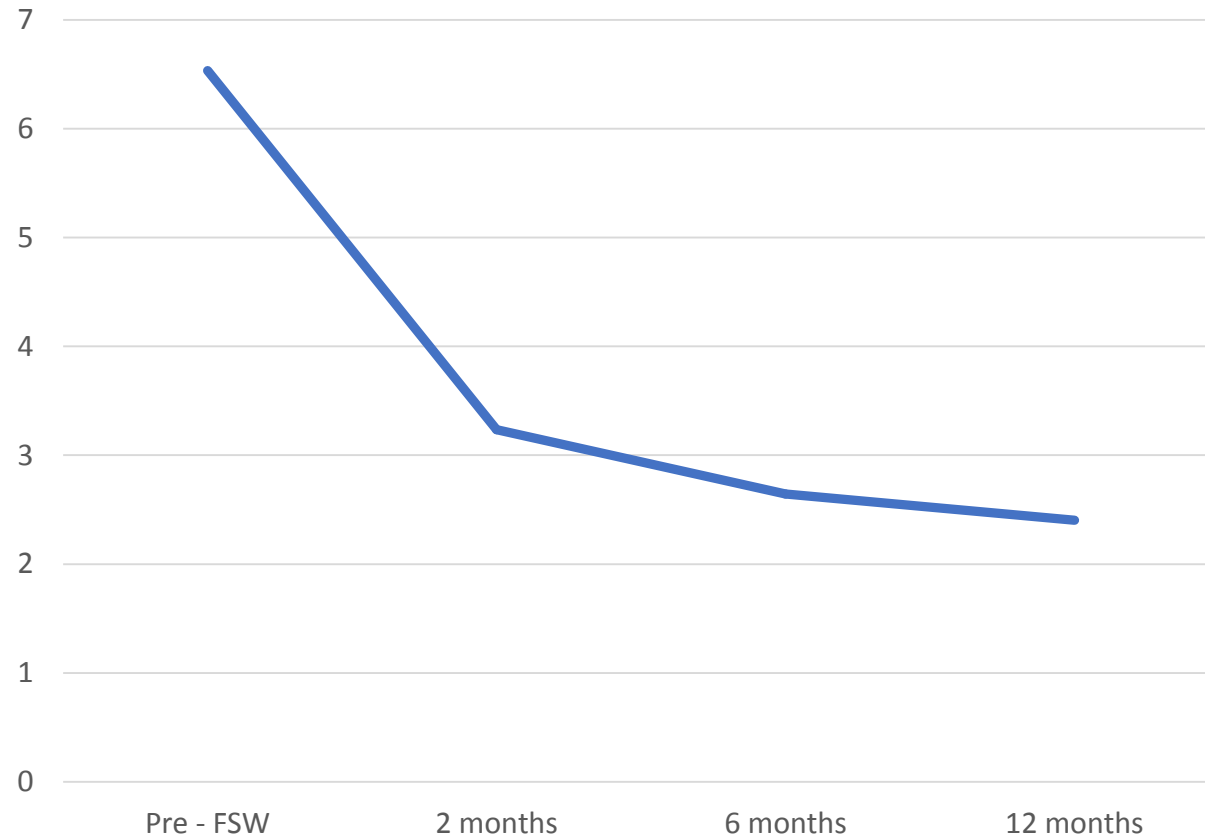
- **Visual Analogue Scale (VAS)**
- **Roles and Maudsley score:**

Excellent	No pain, full movement, full activity
Good	Occasional discomfort, full movement, full activity
Acceptable	Some discomfort after prolonged activities
Poor	Pain limiting activity



- **Harris Hip score (HHS)**
 - **PAIN**
 - **ACTIVITIES OF DAYLY LIVING**
 - **ROM**

MEDIAN VAS score



Median VAS pre – FSW
(6,53)



Median VAS 2 months
(3,20)



Median VAS a 6 months
(2,81)



Median VAS a 12 months
(2,67)



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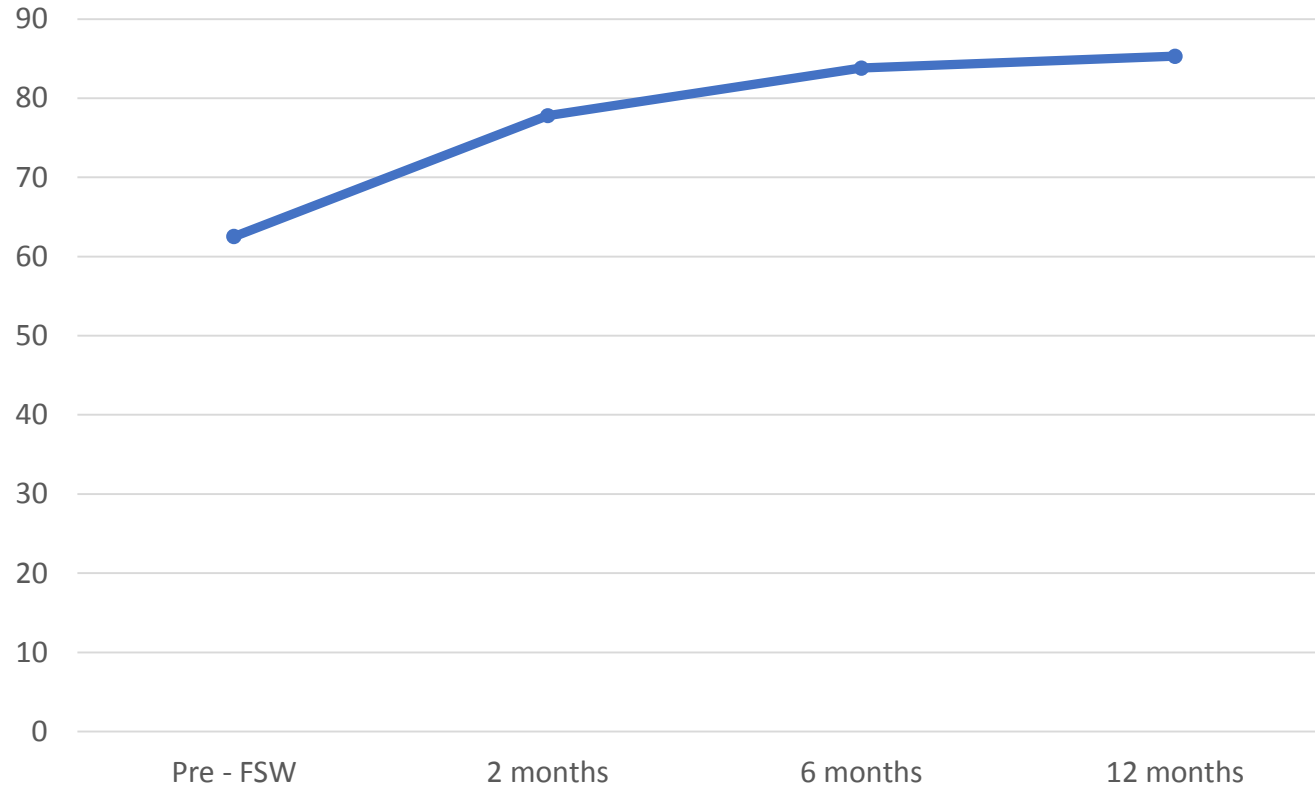
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MEDIAN HHS score



Median HHS pre – FSW
(62,5)



Median HHS a 2 months
(77,8)



Median HHS a 6 months
(83,8)



Median HHS a 12 months
(85,6)



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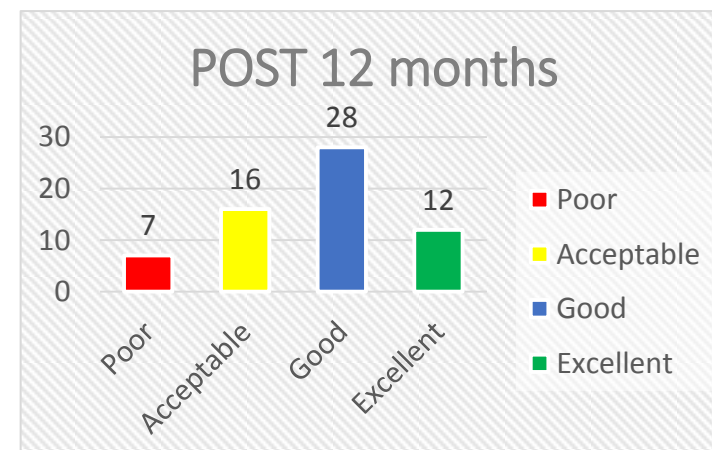
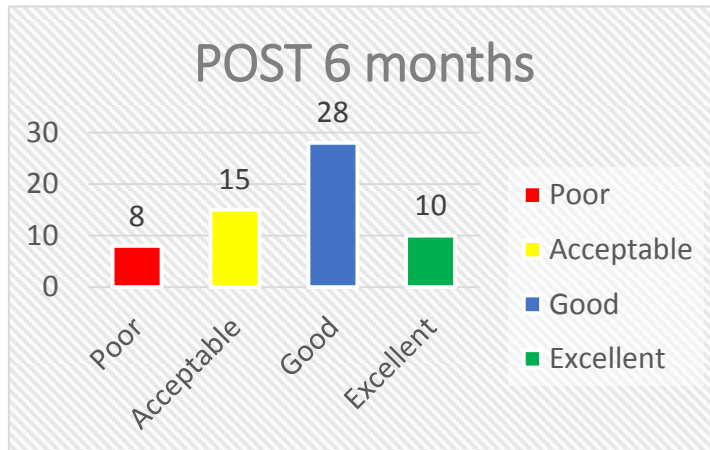
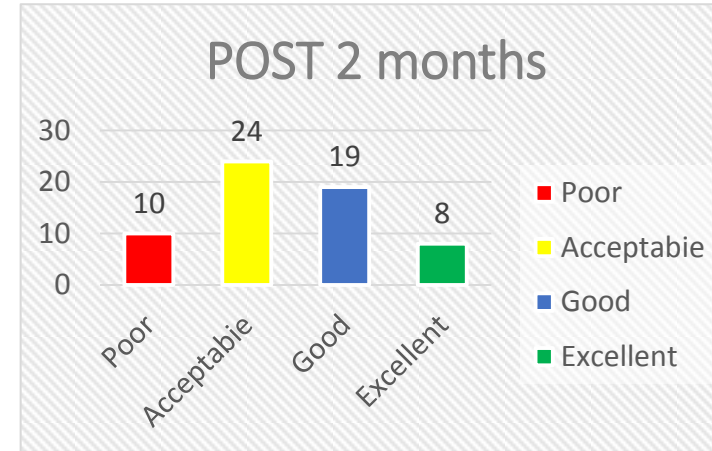
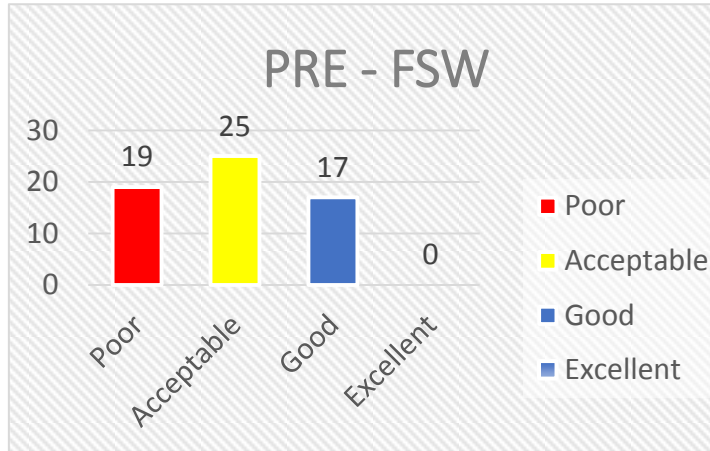
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Roles and Maudsley score



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THANK YOU ALL