

Intervention project Osteogenesis Imperfecta (OI) type I and IV: home based training program to increase exercise capacity, muscle strength and aspects of quality of life in children with Osteogenesis Imperfecta

Submission date 20/12/2005	Recruitment status No longer recruiting	☐ Prospectively registered
		☐ Protocol
Registration date 20/12/2005	Overall study status Completed	☐ Statistical analysis plan
		☒ Results
Last Edited 19/03/2008	Condition category Musculoskeletal Diseases	☐ Individual participant data

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Protocol serial number
04/331-k (METC UMCU)

Study information

Scientific Title

Acronym

ETOI

Study objectives

Children with Osteogenesis Imperfecta type I and IV would benefit from a gradual training program. Increased exercise capacity and muscle strength could increase quality of life.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Ethics approval received from the local medical ethics committee

Primary study design

Interventional

Study design

Multicentre, randomised, single-blinded, active controlled, parallel group trial

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Osteogenesis Imperfecta

Interventions

Training program for 12 weeks (two times/week).

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Exercise capacity and muscle strength.

Key secondary outcome(s)

Health related quality of life.

Completion date

02/08/2005

Eligibility

Key inclusion criteria

1. Osteogenesis Imperfecta Type I and IV
2. Between 8 and 18 years of age
3. Ambulatory

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Child

Lower age limit

8 Years

Upper age limit

18 Years

Sex

All

Key exclusion criteria

1. Osteogenesis Imperfecta type II and III
2. Retardation
3. Non-walking

Date of first enrolment

02/02/2005

Date of final enrolment

02/08/2005

Locations**Countries of recruitment**

Netherlands

Study participating centre

KB 02.056.0, 3508 AB

Utrecht

Netherlands

3584 EA

Sponsor information

Organisation

University Medical Centre Utrecht (UMCU) (Netherlands)

ROR

<https://ror.org/04pp8hn57>

Funder(s)**Funder type**

Charity

Funder Name

Johanna Child Fund (Johanna Kinderfonds) (The Netherlands)

Funder Name

Foundation for paediatric rehabilitation (Stichting Bio-Kinderrevalidatie) (The Netherlands)

Results and Publications**Individual participant data (IPD) sharing plan****IPD sharing plan summary**

Not provided at time of registration

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	Results	01/01/2008		Yes	No