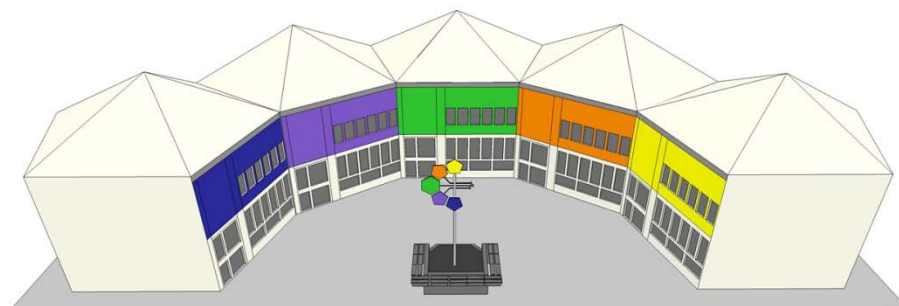




Domotica
Ausili
Terapia **O**ccupazionale

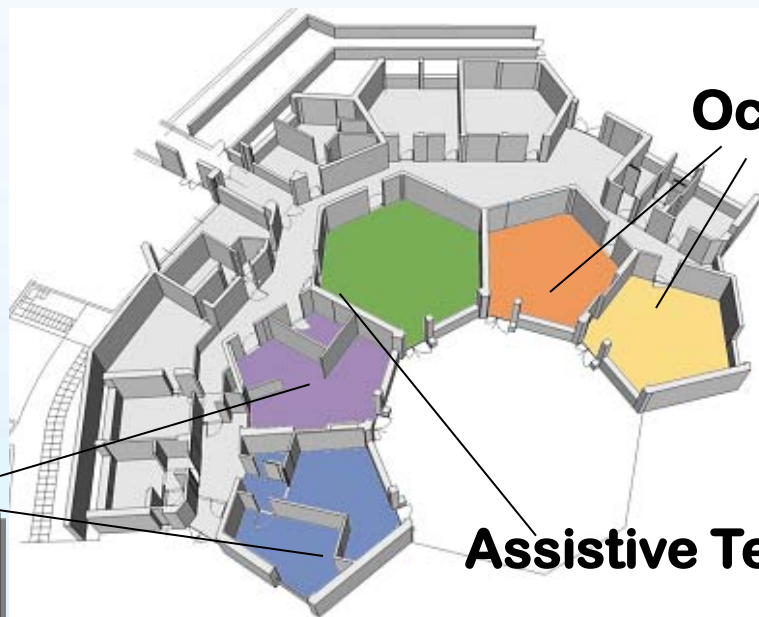
Smart Home, Assistive Technology and Occupational Therapy

**Rehabilitation program for
the independent living**





Smart Home



Occupational Therapy



Assistive Technology





■ Team

- Physicians
- Physioterapists (SIVA)
- Occupational therapists
- Psychologists
- Bioengineers (CITT)



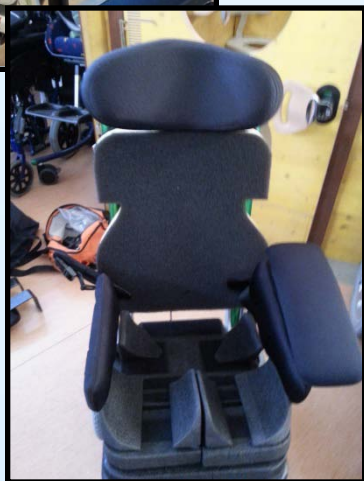
- ❑ **Clinical activities**
- ❑ **Education**
- ❑ **Research** (In collaboration with CITT – “Assistive Technology Research Unit”)

Rehabilitation program



- **Assessment of assistive technologies**
- **Training of assistive technologies**
- **Education for independent living**
- **Occupational therapy**

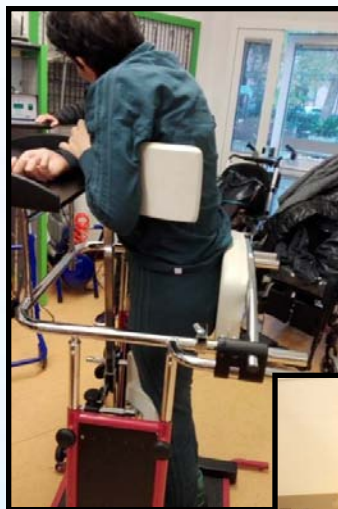
Assessment of assistive technologies



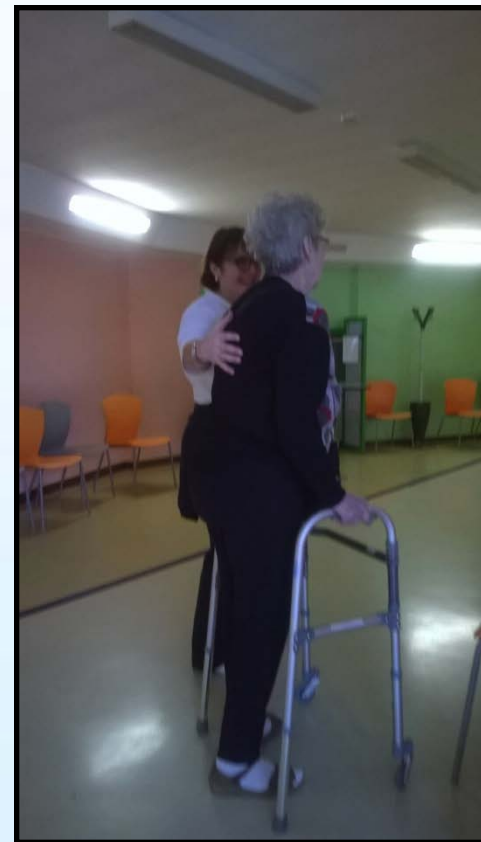
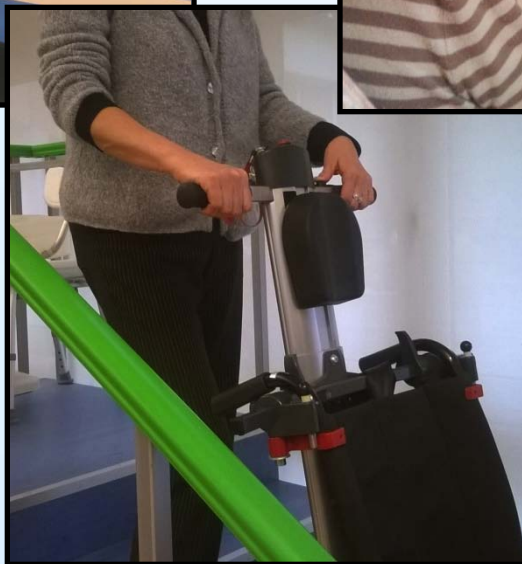
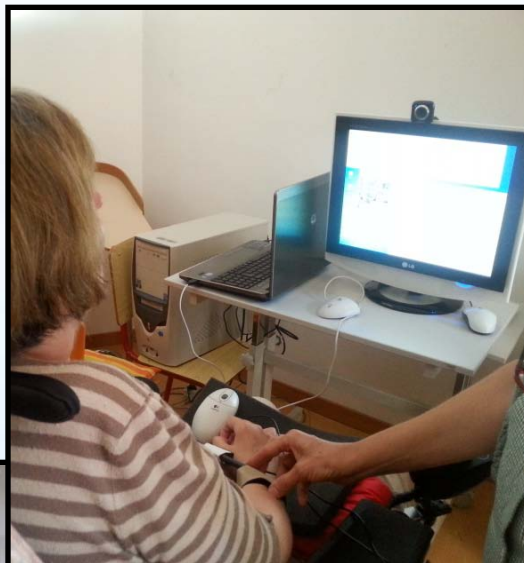
Assessment of assistive technologies



Assessment of assistive technologies



Training of assistive technologies



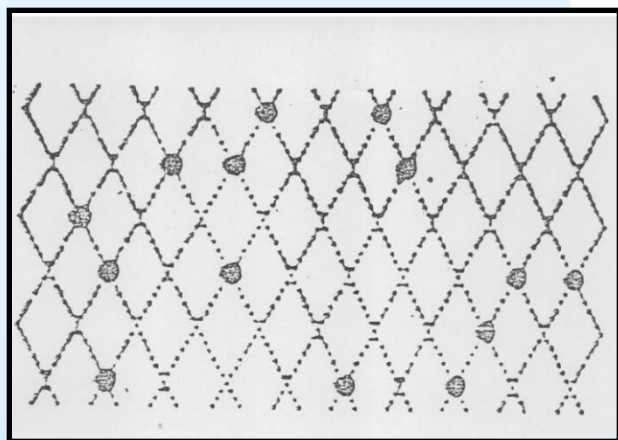
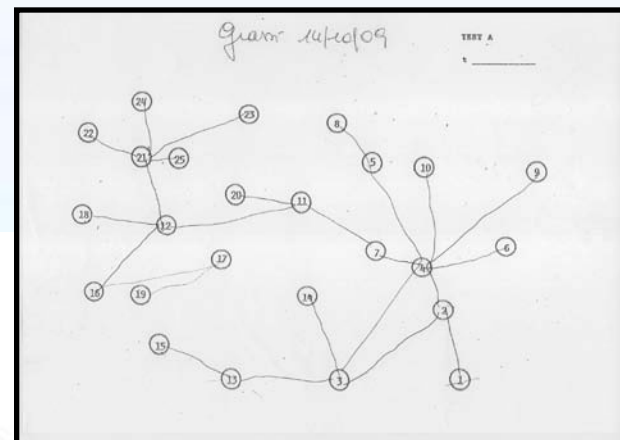
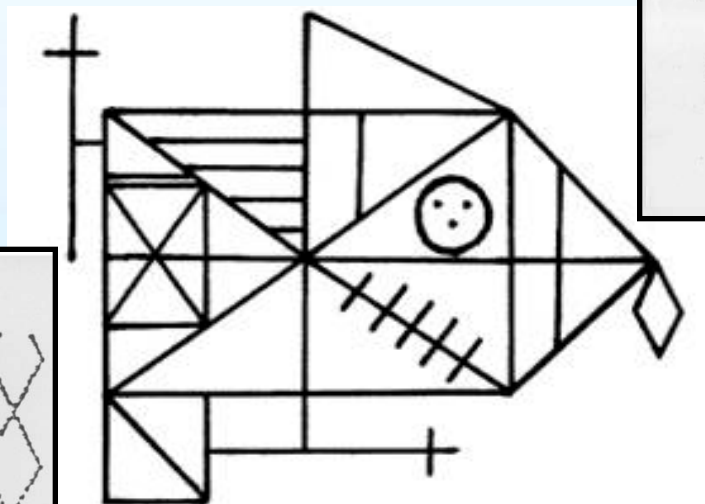
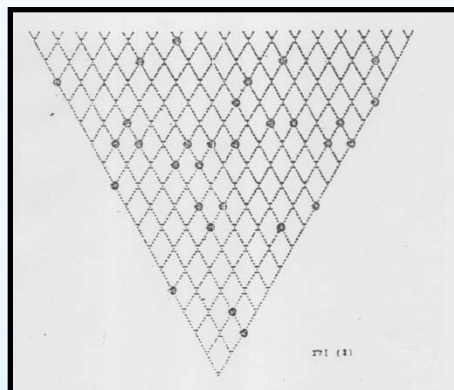
Powered Wheelchairs

Assessment and training path



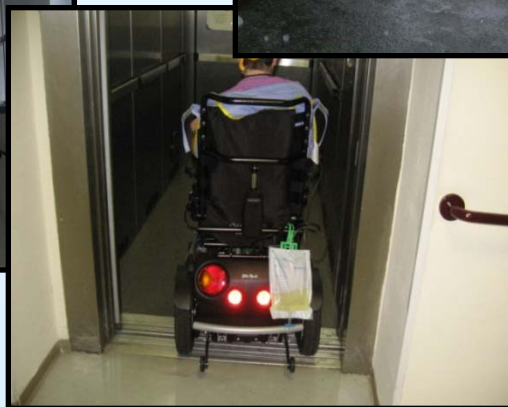
Powered Wheelchairs

Evaluation of the cognitive functions



Powered Wheelchairs

Training on inside room and outside room paths



Education for independent living



Occupational Therapy



Occupational therapy is a client-centred health profession concerned with promoting health and well being through occupation. The primary goal of occupational therapy is to enable people to participate in the activities of everyday life..... (WFOT 2012)

Occupational therapists achieve this outcome by working with people and communities to enhance their ability to engage in the occupations they want to, need to, or are expected to do, or by modifying the occupation or the environment to better support their occupational engagement. (WFOT 2012)

Setting



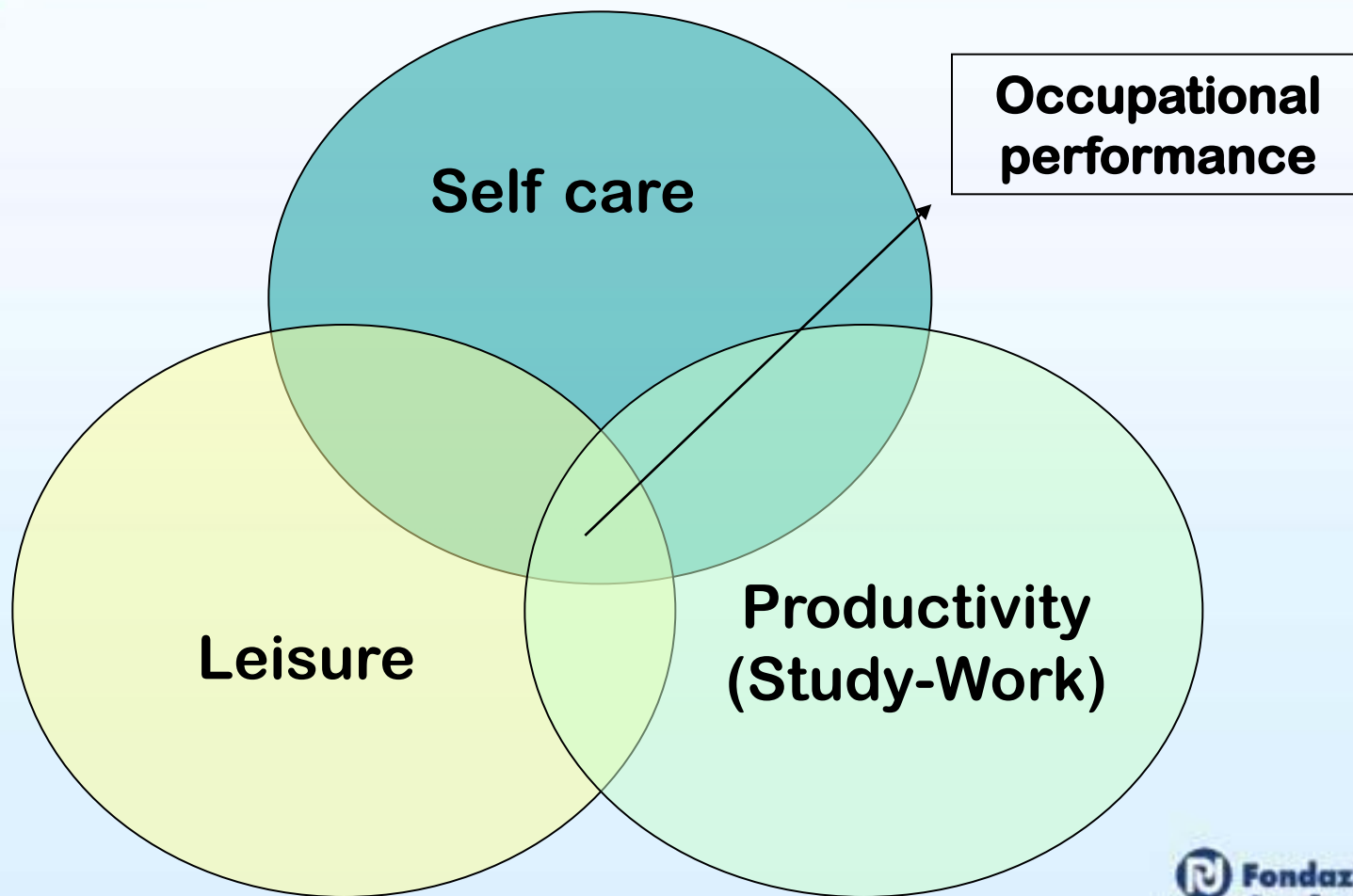


Occupational Therapy

Focus:

- ❑ The person
- ❑ The occupational environment
- ❑ The occupational performance

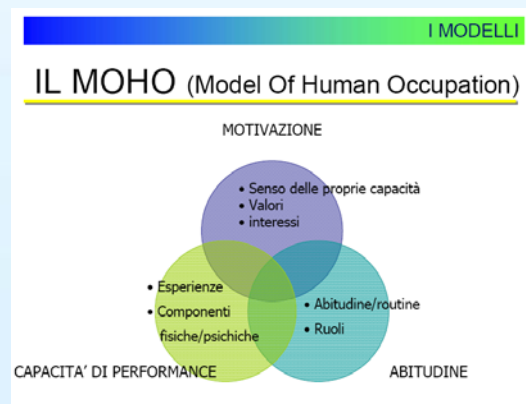
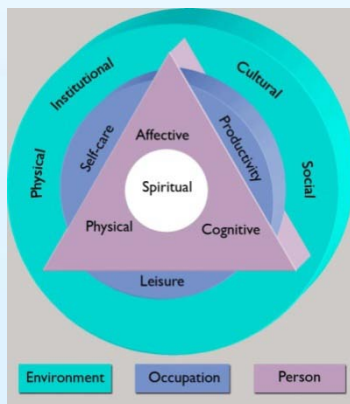
Occupational Therapy



Occupational performance valuation

Reference models:

- ❑ **CMPO** - Canadian Model Performance Occupational
- ❑ **MOHO** - Model Of Human Occupation - (*G. Kielhofner*)
- ❑ **OTIPM** - Occup. Therapy Intervention Process Model - (*A. Fisher*)



Occupational Therapy – Splints

- ❑ Made of thermoplastic malleable materials, are positioned on one or more joints



Occupational Therapy – Splints

- To keep the correct articulated relationships and to allow an enhancement of hand position



“Sol Diesis” Service



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a Carattere Scientifico - IRCCS
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University of Milan –
Faculty of Medicine

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Terapia Occupazionale

Thank you for your attention!

