A personal journey: Designing an adult suspension frame in collaboration with a mechanical engineer

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Content

- Me as a researcher
- Understanding the need for adult SI equipment
- Collaborating with a mechanical engineer
- Today and in the future
- Conclusion
Me as a researcher

- Masters study in SI and adult mental health (2013) (Annandale)
- Published article in SAJOT, Incidence of SI...
- The use of floor activities
- Questioning Fidelity (FMASI®)
- Questioning the future of Adult SI
Understanding the need for Adult SI equipment

- ESIC 2015- adult SI equipment
- Paediatric equipment not strong enough
- 150kg (consider movement)
- Research supports the use of SI in adult mental health (Ayres, Bailey, King, Levine & O’Conner)
- South Africa, economical climate (import/export)
Collaborating with a mechanical engineer

- Central University of Technology- Allan Kinnear
- Product Development Technology Station
- Mechanical engineer- design
- Occupational therapist uses clinical knowledge and gives specifications
- Design and drawing of suspension frame
Today and in the Future

- What are the possibilities of adult SI in SA and the world
- Today - closer to adult SI suspension and ASI®
- Future - more collaboration with other professions and more adult SI suspended equipment
Conclusion

- Innovation is the only way that South African Occupational Therapists will survive and continue to make a difference in the current South Africa and in the world.
- I will like to inspire you to be innovative!!!

