



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

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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!!!

References

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