



“Advances in Patient Independence”

Discussion of New Technology Available to Facilitate Patient Independence

Identifying the Components of Disability Management

- Individual Independence
- Environmental Independence
 - Vehicle Independence
 - Home Independence
- Pursuit of Independence

4 Stages of Assessment – Hierarchy

- **Self Help Skills - Stage 1** Personal hygiene (adaptive equipment) / eating (customized utensils)
- **Daily Living Skills - Stage 2** Cooking, shopping, making the bed, cleaning house
 - *Adaptive Devices*
 - *Innovative Mobility*
 - *Universal Accessibility*
- **Social Skills/Leisure Skills - Stage 3** Mobility (Mainstreaming) / read news, going out, shopping, returning to work/ entertainment
- **Human Growth & Development - Stage 4** Family & Friends

Environmental Independence

Individual Innovative Mobility / Vehicle Independence

- How it affects the individuals lifestyle / Social Skills Stage
- What modifications are needed to adapt to the individuals disability
- How you identify the needs for driving and equipment needs
- Resources in the community for vehicle modifications
- Information the provider needs to have to complete the Vehicle / Transportation needs of the client
- Driver Evaluation

Home Independence

- Home Modification (Lifting Systems)
- Practical Living Suggestions (Ramps/Ramp Rentals) / ECU / Cost Effectiveness/Options
Information the Provider needs to have to complete home modification
- Self Preservation
- ADA Explanations; standards & guidelines
- Universal Home Design (Mobile & Modular Options)

Technological Advances

Questions & Answers / Group Discussion – Shared Experiences

Pursuit of Independence

- Long Term Life with Disability
- Ray Paprota ‘Living the Dream’

Summary & Conclusion

- Demonstration of home modification and vehicle modification utilizing pictures, video, and product display samples
- Discussion and Description of the Racing team and their adaptations used for the professional racer to compete with non-disabled drivers

Objectives: The learner will be able to identify the resources available to provide independence to their claimant after a disability; discuss modifications available through today’s technology and the impact on one’s independence; State 3 standards from the ADA guidelines needed in home modifications; List at least 2 factors affecting Environmental Independence to assist the CM in providing modifications.

Resources

Americans With Disabilities Act (ADA) reference www.usdoj.gov/crt/ada

ADA Standards for Accessible Design www.usdoj.gov/crt/ada/adastd94.pdf

Deka Arm - http://www.dekaresearch.com/deka_arm.shtml

Power Knee - <http://www.ossur.com/?PageID=12703>

Ibot - <http://www.newmobility.com/articleViewE.cfm?id=1086> by Robert C Samuels

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