



## **Securement 102: Basic Wheelchair Securement Training (Course Outline)**

### **Introduction (15 Minutes)**

- Instructions
- Objectives
- Understanding the Problem
  - Legal Requirements of Transportation Providers
  - Best Practice Standards
  - The Weakest Link
  - Improving the Transportability of Mobility Devices
  - About WC-19
  - Challenges
  - Better Securement Technology?
  - Securement Becoming More Difficult
- Course Outline

### **Lesson 1: Pre-Securement Assessment (30 Minutes)**

- What Does Proper Securement Entail?
  - Retractor Layout
  - Review of 3 Essential Securement Principles
  - WC-19 Mobility Devices: How it Works
  - Securement Demonstrations:
    - Manual Wheelchair
    - Powered Wheelchair
    - Crash Testing
- When Securement Can't Be Achieved?
  - Does it Meet ADA's Description of a Mobility Device?
  - Transfer?
  - Owner's Manual
  - Policy?
  - Transporting: Now What?
- *Quiz: 4 questions*

### **Lesson 2: Troubleshooting Tips for Mobility Device (25 Minutes)**

- About Troubleshooting

- Tip #1: Use Pre-Boarding to Determine Securement Location
  - Benefit
- Tip #2: Mark Attachment Location
  - What ifs?
- Tip #3: Prioritize 45 Degree Belt Angle
  - Why?
  - Examples
- Tip #4: Use Webbing Loops
  - Necessity
  - How to
  - Caution
- Tip #5: Overlap Securement Locations
  - The Problem
  - Example
  - Eliminating This Issue
  - Helpful Hint
- A Commonly Asked Question
- Troubleshooting Demonstrations:
  - Example #1
  - Example #2
  - Example #3
- Summary
- *Quiz: 6 questions*

### **Lesson 3: Scooters (25 minutes)**

- The Problem
  - Design & Possible Attachment Locations
  - Length & Width
  - Disclaimer
- Securement
  - About Scooter Securement
  - Pre-Securement
    - Request Transfer
    - Turn-Off Power/Engage Brakes
  - Layout
    - L-Track
    - Slide 'N Click
  - Front
    - What About Belt Angles?
  - Rear

- Aim for Solid Frame Member
    - Prioritize Belt Angle
    - 3<sup>rd</sup> Rear Securement
  - Final Step
  - Common Error
  - Demonstration: Scooter Securement
  - Additional Resources
- Tip #6: Treat Like a Scooter
  - Front
  - Rear
  - Demonstration: Treat Like a Scooter
- *Quiz: 6 questions*

#### **Lesson 4: Troubleshooting Tips for Occupant Securement (25 Minutes)**

- About Occupant Securement Use
  - Improper Use
  - Improves, Not Guarantees
- How Do We Determine Proper Use?
  - Review 3 Essential Principles
  - Securement Demonstrations:
    - Manual
    - Combination
  - WC-19 with Integrated Lap Belt
- Tip #1: Prioritize Keeping Passenger in Mobility Device
- Tip #2: Switch Securement Locations
- Tip #3: Add Additional Padding
  - To Protect Against Trays, etc.
  - For Passenger Comfort
- Tip # 4: Use Accessories
- Tip #5: Manual Occupant Securement for Stability
- Tip #6: Tilting or Reclining Devices
  - Demonstration
- *Quiz: 5 questions*

#### **Lesson 5: Best Practice Recommendations (25 Minutes)**

- About
- Policies That Affect Safety
- A Tale of Two Transportation Providers
  - Life is Good Transportation
    - Prequalification Assessment

- WC-19
    - Non WC-19
    - Occupant Securement
    - Private Providers
    - Demand Response Providers
  - Training
    - Focus on Empathy
    - Operator Feedback
    - Standardized
  - Equipment
  - Vehicles
  - Occupant Securement Use
  - Thinks Outside the Box
  - Difficult Mobility Devices?
    - Situation
    - Solution
  - Results
- Meehh...Transportation
  - Prequalification Assessment
  - Training
  - Securement Equipment
  - Vehicles
  - Occupant Securement Use
  - Difficult Mobility Devices?
  - Results
- Implementing Change
- *Quiz: 4 Questions*
- Course Results
- Final Summary
- Contact Us