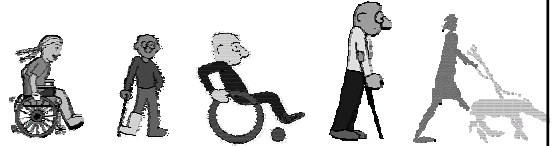


Just Hop up! Access to medical equipment - where are we?
 Presented by representatives from the RERC on Accessible Medical Equipment "I know I can get my wheelchair through that door, but I don't know how I going to get my body into that machine!" Hear about: new data from the RERC on Accessible Medical Instrumentation national consumer needs assessment survey on medical equipment; strategies for getting accessible medical equipment into offices of health providers; existing resources for accessible equipment (exam tables, chairs, scales, mammography); using tools to communicate with providers about your accessible equipment needs; and the project's next steps - designing new equipment, effecting change within the medical equipment and health care industry and health care public policy.

Just Hop Up, Look Here, Listen Up, Don't Breathe & Stay Still! Access to Medical Equipment Where are We?



8/16/05, 2-3:30 P.M., EST, Teleconference

Great Lakes ADA & Accessible IT Center, Chicago, IL,

June Isaacson Kailes
Associate Director
CDIHP

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310.821.7080

Fax: 310.827.0269



**Western University of Health
 Sciences**
Pomona, California
www.cdihp.org

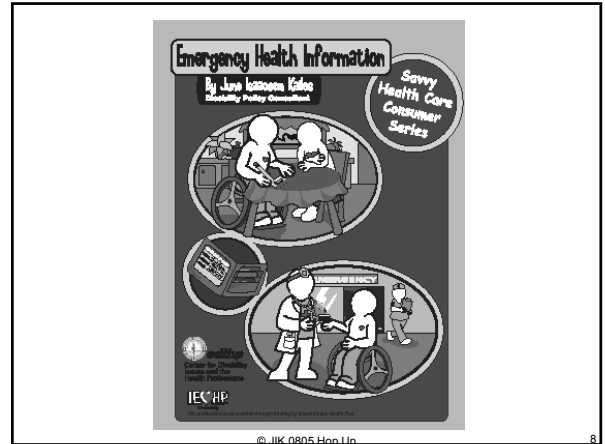


**CDIHP works to enhance the health
 of people with disabilities, through
 coordinated public policy, training,
 research & dissemination
 activities.**

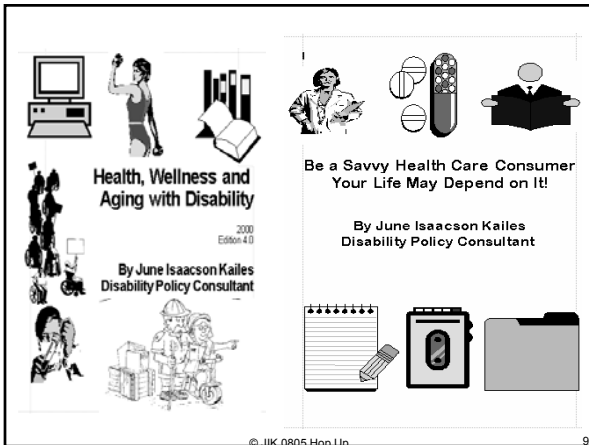




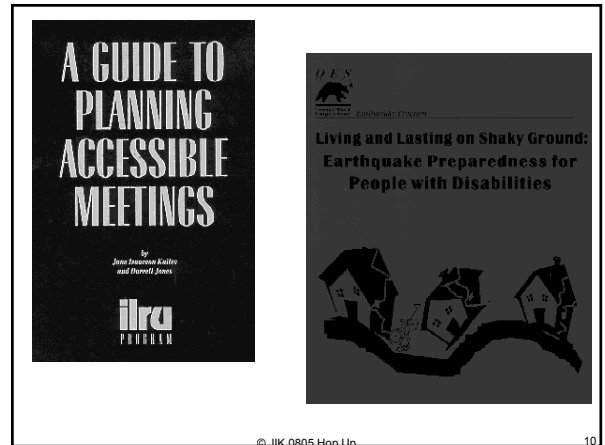
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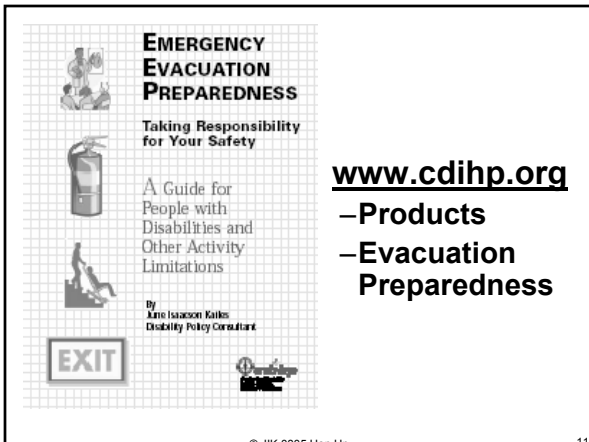
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Objectives

- Review survey results from National Consumer Needs Assessment
- Strategies for getting equipment into offices of health care providers.

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Objectives

- Review existing resources for accessible exam tables, scales, etc.
- Hear from you regarding strategies that have worked.

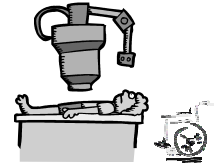


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Audience

- Health –
 - Providers
 - Plans
 - Educators
- People with disabilities
- Advocates
- Manufacturers
- Vendors / Sales Reps
- Policy Makers



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Intended Outcomes

- Reduce costly health disparities among people w/ disabilities by removing barriers to health care services.
- Create new accessibility standards for accessible medical equipment.

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Intended Outcomes

- Policy & practice guidelines will mandate that healthcare facilities purchase & use accessible devices.

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Accessibility and Usability of Medical Instrumentation for People with Disabilities: A National Survey



Jill M. Winters, PhD, RN,¹ Molly Follette Story, MS,³
Kris Barnekow, PhD, OTR,¹ Brenda Premo, MBA,²
June Isaacson Kailes, MSW,² Erin Schwier, OTD,²
R. Sarma Danturthi, PhD,¹ & Jack M. Winters, PhD¹

1. Marquette University 2. Western University 3. University of California-San Francisco

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Study funded in part by:

- National Institute on Disability and Rehabilitation Research grant H133E020729



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457 people completed part or all of survey,
408 provided usable data



50 states represented



How do you handle getting:



- A height adjustable (high/low) exam table,
- Or assistance safely transferring to, positioning and staying on an exam table.



“it takes a village to get me on the table”



Results Summary

Type of Equipment \geq Moderate difficulty

- Exam tables (n=225) **75.0%**
- X-ray equip. (n=181) **68.0%**
- Rehab./Exercise
– equip. (n=115) **55.3%**
- Weight scales (n=120) **53.1%**

Type of Equipment	n that Ranked Category as at Least Moderately Difficult to Use	%* that Ranked Category as at Least Moderately Difficult to Use
Examination Tables	225	75.0
Radiology	181	68.0
Rehabilitation and Exercise	115	55.3
Weight Scales	120	53.1
Mobility Aids	125	50.2
Examination Chairs	132	49.6
Communication Aids	78	41.3
Medication Administration	63	40.9
Dental	92	38.2
Eye Examination	90	37.0
Cardiac Stress Testing	31	33.0
Oxygen Delivery	27	28.4
Monitoring	54	27.7
Pulmonary Function Testing	26	25.0
Hearing Testing	17	11.3



Exam Tables
225 people 75%
experienced
 \geq moderate
difficulty

Just Hop up



EXAM ROOM ACCESS



EXAM TABLES: ACCESSIBLE 18" ADJUSTABLE
VS.
NON-ACCESSIBLE STANDARD

Some commercially available devices are more accessible, but they are not widely used!

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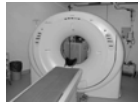


X-Ray Equipment (68%)



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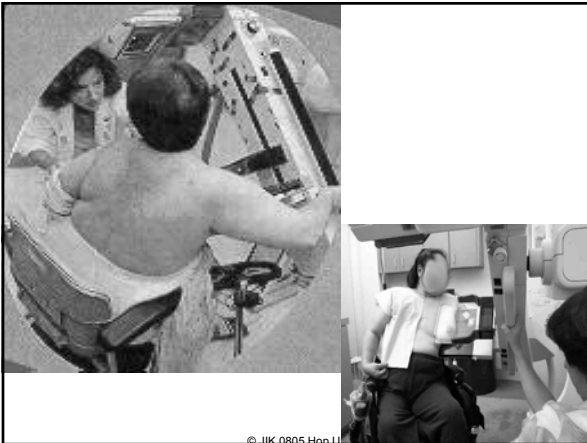
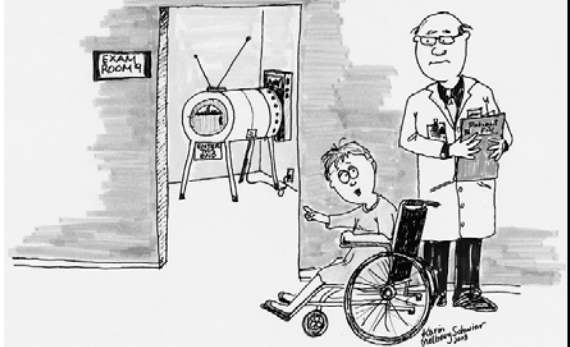


X-Ray Equipment

181 people, 68% experienced
≥ moderate difficulty

General x-ray; MRI, mammogram, ultrasound, Scans: CT, PET & bone density; etc.

"I know I can get my wheelchair through that door, but I don't know how I'm going to get my body into that machine!"



Certified Mammography Centers Database

The Mammography Centers in our database are MQSA Certified. The Standards Act (MQSA) of 1992 was passed in order to assure that Mammography is safe, reliable and allows detection of breast cancer in its earliest stages. Centers must include dedicated Mammography machines and specially trained Radiologists.

SEARCH THE DATABASE

City:

County:

Wheelchair-Accessible:

Keyword Search:

Three Ways to Search the Database:

1. LIST ALL MAMMOGRAPHY CENTERS

List All Mammography Centers Alphabetically by:

City | Name | Wheelchair Accessible

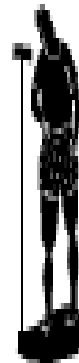
2. PERFORM YOUR OWN SEARCH

You may use the search box on the left to

Good Practice

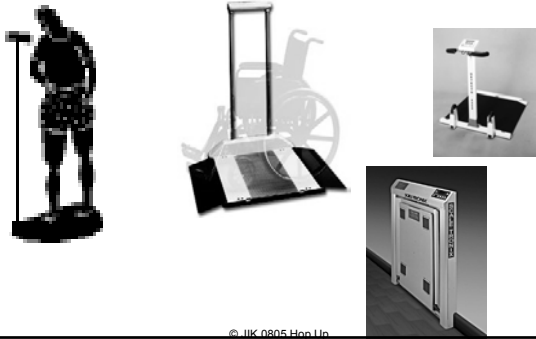
- Rhode Island's Mammography Centers Database – can be search via "wheelchair access"
- Is the mammography equipment wheelchair-accessible?

<http://www.ricancercouncil.org/resources/mammography.php>



Weight scales
120 people, 53%
experienced
≥ moderate
difficulty

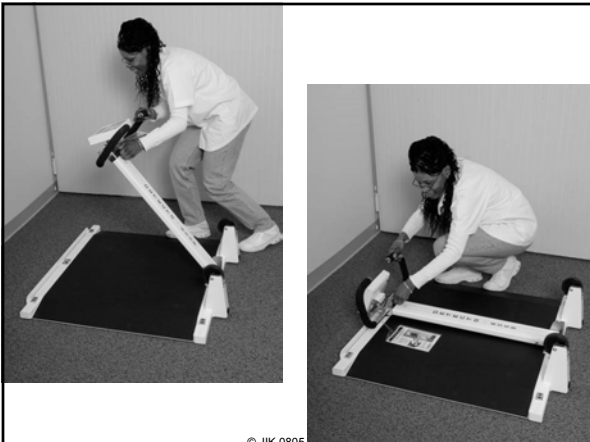
How do you handle getting weighed?




WEIGHT MEASUREMENT



ACCESSIBLE SCALES





Examination & Procedure Chairs

132 people, 50% experienced \geq moderate difficulty

Dental, oral surgery, eye exam, laboratory, reclining procedure (chemotherapy, dialysis, transfusion)

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Do provider directories indicate degree of physical access?

- Parking
- Routes
- Offices
- Restrooms
- Equipment
 - Exam / diagnostic




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Provider Directory shows bus routes...



Example:

Alpha Medical Group	Spanish	8:00-5:00 M-F	12h	B
Village Associates	Coach	8:00-5:00 M-F	87	L
Whitman Group Care	Thru	8:00-6:00 M-F	189	R

The meaning of each accessibility code is described in the chart below:

Code	Accessible Parking	Access: Parking to Building	Access: Building, Including Doctor's Office	Adjustable Exam Table
B - Basic Access	Yes	Yes	Yes	Yes
L - Limited Access	Yes	Yes	Partial	Call
R - Requires Assistance	Call	Call	Call	Call

...and rates the accessibility of doctors' offices


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Code	Accessible Parking	Access: Parking to Building	Access: Building, Including Doctor's Office	Adjustable Exam Table
B - Basic Access	Yes	Yes	Yes	Yes
L - Limited Access	Yes	Yes	Partial	Call
R - Requires Assistance	Call	Call	Call	Call

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Unintended consequence = Drives Improvement



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Allergies Multiple Chemical Sensitivities



medicalproducts.au.com

LATEX FREE

Product guide

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You – one person can make a difference!

NOW!

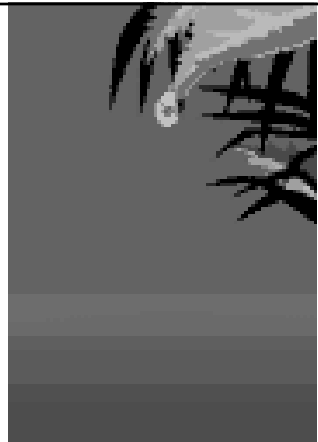


One person can make a difference.

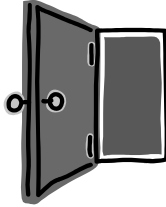
- Survey of 379 Massachusetts health care providers found they made access changes based on:
 - 60% ADA compliance
 - 49% State requirements
 - 33% PATIENT RECOMMENDATIONS FOR IMPROVEMENT ✓
 - 25% because they completed an ADA checklist
 - 25% JCAHO and other certifying agencies



18"
Low Height



We are not receiving medical & preventive care that is EQUALLY EFFECTIVE as that provided to others.



Source: US Department of Justice Status Reports – April 1994 – March 2003

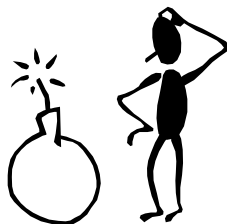
CASE TYPE/ISSUE	Office Setting	Hospital Setting	Clinic or Service Center Setting	TOTAL
Deaf or Hard of Hearing (effective communication)	34	25	6	65
Mobility Access	27	4	4	35
HIV Status	5	1	2	8
Blind/Low Vision	2			2
Access to Examination Tables	0	1	2	3
Intellectual Disabilities			1	1
TOTAL	68	32	14	114

Why don't we file complaints?

1. Sick, in need of immediate attention & not in position to deal w/ issue in assertive manner, or even request an accommodation,
2. Don't know how,
3. Fear, might anger provider, who will penalize / retaliate in some way,
4. It's my problem (internalized oppression)

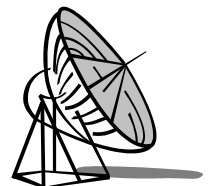
Why don't we file complaints?

4. Feel:
 - It is too much work;
 - Too time-consuming, slow, and possibly costly;
 - It can involve months, sometimes years getting results; &
 - While you could achieve long-term change, it will not solve your current.



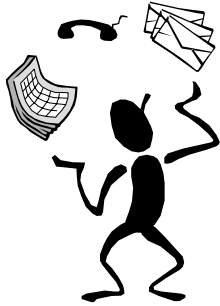
Remember to always plant the seed!

- Don't compromise your access to quality & safe care
 - Get access health care providers
- radar screen



Disability-Specific Assistance:

- Plan ahead:
 - Some items you should call & ask for before your visits.



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Survey on Use of Medical Equipment

- <http://www.rerc-ami.org/R12/>
 - Download
 - On paper
- By phone - to set up a time
 - info@rerc-ami.org, or
 - phone/TTY at (800) 832-0524.

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So what's worked for you?



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 *Rehabilitation Engineering
Research Center on
Accessible Medical
Instrumentation*

www.rerc-ami.org

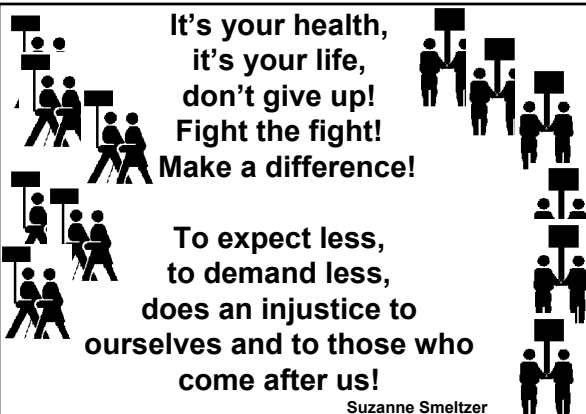
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**It's your health,
it's your life,
don't give up!
Fight the fight!
Make a difference!**

**To expect less,
to demand less,
does an injustice to
ourselves and to those who
come after us!**

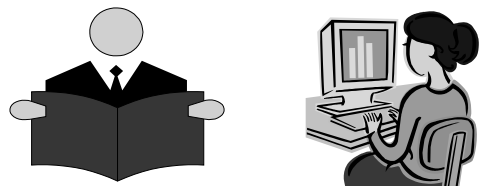
Suzanne Smeltzer



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www.cdihp.org/products.html



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For more thorough discussion
review handouts:

- **Accessible Health Care Series**
Accessible Tables

–Tax Incentives available for

- Improving Access
- Hiring People with Disabilities



For more thorough discussion
**More to Come - Accessible
Health Care Series:**

- Health care Facilities Access
- Exam Room Access
- When You Relocate Items to Consider
- Improving Access with Limited Resources
- ADA Resources

