



**Pass It On**  
**C E N T E R**

National Assistive Technology Device Reutilization Coordination and Technical Assistance Center

## **Webinar Training Series**

# **Emergency Management and Disaster Relief: Matching AT Needs Volunteer Training**

**[www.passitoncenter.org](http://www.passitoncenter.org)**

# About this Training

- This webinar will address the key points for volunteers when matching equipment to survivors of emergencies and disasters. Presenters will address common challenges and lessons learned while addressing these important issues.
- Additionally, we will highlight the Pass It On Center's online resources for AT & DME Reuse best practices.



# Our Role in Disaster Response

- Reutilized assistive technology, especially durable medical equipment, plays an important role in providing temporary devices to people with disabilities impacted by disasters that result in the loss of devices or create new needs.
- The Pass It On Center (PIOC) works with AT Act Programs and their nonprofit affiliates in other states and territories to provide safe, appropriate interim devices until a new, permanent device becomes available.
- PIOC partners with other organizations that serve individuals with disabilities to respond to disasters by identifying needs and collecting and distributing gently used devices.
- We welcome the support of all organizations who would like to participate in our efforts.
- Contact us | [passitoncenter@gatfl.gatech.edu](mailto:passitoncenter@gatfl.gatech.edu).



# Visit Us Online



- Emergency Response
- Knowledge Base
- Webinars
- Recall List
- Conference Presentations
- Meet the PIOC Team
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**Welcome to The Pass It On Center**

The Pass It On Center continues to create national and state resources to foster the safe, effective and appropriate reuse of assistive technology (AT) so that people with disabilities can get the affordable AT they need in order to live, learn, work and play more independently in communities of their choice.

**Our Mission**

The Pass It On Center, as the National Assistive Technology Device Reutilization Coordination and Technical Assistance Center, fosters improvements in AT reuse practices and network among AT Reuse programs by:

**EMERGENCY RESPONSE**

[Hurricane Harvey 2017](#)  
[Hurricane Irma 2017](#)

**EVENTS**

There are no events at this time.

**INDICATORS OF QUALITY FOR AT REUSE**

Use our easy online tool to assess your AT Reuse Program's progress toward the promising practices of the Indicators of Quality for AT Reuse (IQ-ATRL).  
Click the link to view the Online Program Assessment: [IQ-ATRL](#). To view the Indicators of Quality for AT Reuse document, click here: [IQ-ATRL Word](#)

**FIND REUSE LOCATIONS**

Would you like to learn more about what your state is doing to reuse assistive technology for people with disabilities? Click on the [state link](#) or on the map to view locations of programs.

Are you a program that practices safe and appropriate reuse of assistive technology or durable medical equipment? Are you listed in the National Reuse Locations Database? [Register your program here](#).

If you would like to update your Reuse Organization's information [login here](#).



# Knowledge Base



Home > Knowledge Base

Modules
Program Operations
Organization
Human Resources
User Services
Marketing/PR
Emergency Mgmt.
Finance/Accounting
Sustainability
Stakeholders
Partner/Collaborator
Audiences
Implementer
Administrator
Consumer
Agency Official

### Knowledge Base

The Pass It On Center is actively addressing issues of national significance in AT device reutilization, providing technical assistance to entities engaged in or planning to engage in AT device reutilization, and coordinating and networking entities involved in AT device reutilization. This Knowledge Base is a product of the Center and contributing AT reuse programs throughout America!

#### Modules

#### EMERGENCY RESPONSE

**Hurricane Harvey 2017**  
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# Indicators of Quality for AT Reuse IQ-ATR

The screenshot shows the website for the Pass It On Center, the National AT Reuse Center. The header includes the Georgia Tech logo and the Pass It On Center logo. The main content area is titled "IQ-AT Reuse" and contains a welcome message, a description of the tool, and a list of registration requirements. A sidebar on the left lists navigation options like "Emergency Response", "Knowledge Base", and "Webinars". A right sidebar features sections for "EMERGENCY RESPONSE" (listing Hurricane Harvey and Irma), "EVENTS", "INDICATORS OF QUALITY FOR AT REUSE" (with a colorful puzzle icon and a link to the online assessment), and "FIND REUSE LOCATIONS" (with a map of the United States).

**Georgia Tech**   **Pass It On**  
C E N T E R ... the National AT Reuse Center

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**CONNECT WITH US**

**IQ-AT Reuse**

Welcome to IQ-AT Reuse. Sponsored by the Pass It On Center, this site provides an opportunity for AT Reuse Programs to assess how well they are doing through an interactive tool of quality indicators that looks at “promising practices” in the area of assistive technology reuse.

Here is how it works:

- Register online. This registration allows your program to store the results of the survey for review and comparison of progress at a later date. (The results are confidential and only available to you.) You will be asked to complete a reuse program profile with the following information:
  - Organization type
  - Geographic Service Area
  - Population Served
  - Age Groups Served
  - Activities
- Take the survey.
- Each survey question is an Indicator of Quality with key factors for consideration. Your response indicates the degree to which your program has implemented promising practices. Get results and resources.

A results page will be generated based on your responses to the questions. This result and links to the Pass It On Center Knowledge Base give you references to information and models to assist with improving the Reuse Program. IQ-ATR is a living document that grows and develops as AT Reuse Programs develop.

IQ-ATR is a living document that grows and develops as AT Reuse Programs develop.

[Login](#) | [Register](#)

**EMERGENCY RESPONSE**

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**FIND REUSE LOCATIONS**



Would you like to learn more about what your state is doing to reuse assistive technology for people with disabilities? Click on the [state links](#) or on the map to view locations of programs.



# Find Your Local Reuse Center



## Pass It On CENTER

... the National AT Reuse Center

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### AT Reuse Locations

Click the state you wish to view Reuse Locations for, or select from the criteria given below:



VT  
NH  
ME  
MA  
RI  
CT  
NY  
NJ  
DE  
MD  
DC

— Select a State —

#### Types of Reuse Programs:

Reassignment:   
Retailers:   
Classifieds / Want Ads:

#### Types of Equipment

Vision:   
Hearing:   
Speech:   
Learning:   
Mobility:

### EMERGENCY RESPONSE

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# Resources on the Wiki

## Main Page

Welcome to the Pass It On Center [wiki](#). The Pass It On Center continues to create national and state resources to foster the safe, effective and appropriate reuse of assistive technology (AT) so that people with disabilities can get the affordable AT they need in order to live, learn, work and play more independently in communities of their choice.

### Frequently Asked Questions (FAQs)

- [What is Assistive Technology \(AT\) Reuse?](#)
- [Where can I find my local AT Reuse program?](#)
- [How do I register my program in the AT Reuse Locations Database?](#)
- [Where can I access PIOC webinar archives?](#)
- [How can my program work closer with Medicaid?](#)
- [What is the Center's Role in Disaster Response?](#)

### Presentations and Activities

- [Administration for Community Living - Sept 20, 2015 - Washington DC](#)
- [AT Reuse and AFP National Conference - Aug 31-Sept 1, 2015 - Washington DC](#)
- [ATIA 2015 - January 29-31, 2015 - Orlando, FL](#)
- [Centers for Independent Living and AT Reuse National Conference - December 12-13, 2012 - Atlanta, GA](#)

### Connect with Us

- [Pass It On Center Website](#)
- [Pass It On Center on Facebook](#)
- [Pass It On Center on YouTube](#)
- [Pass It On Center on Twitter](#)

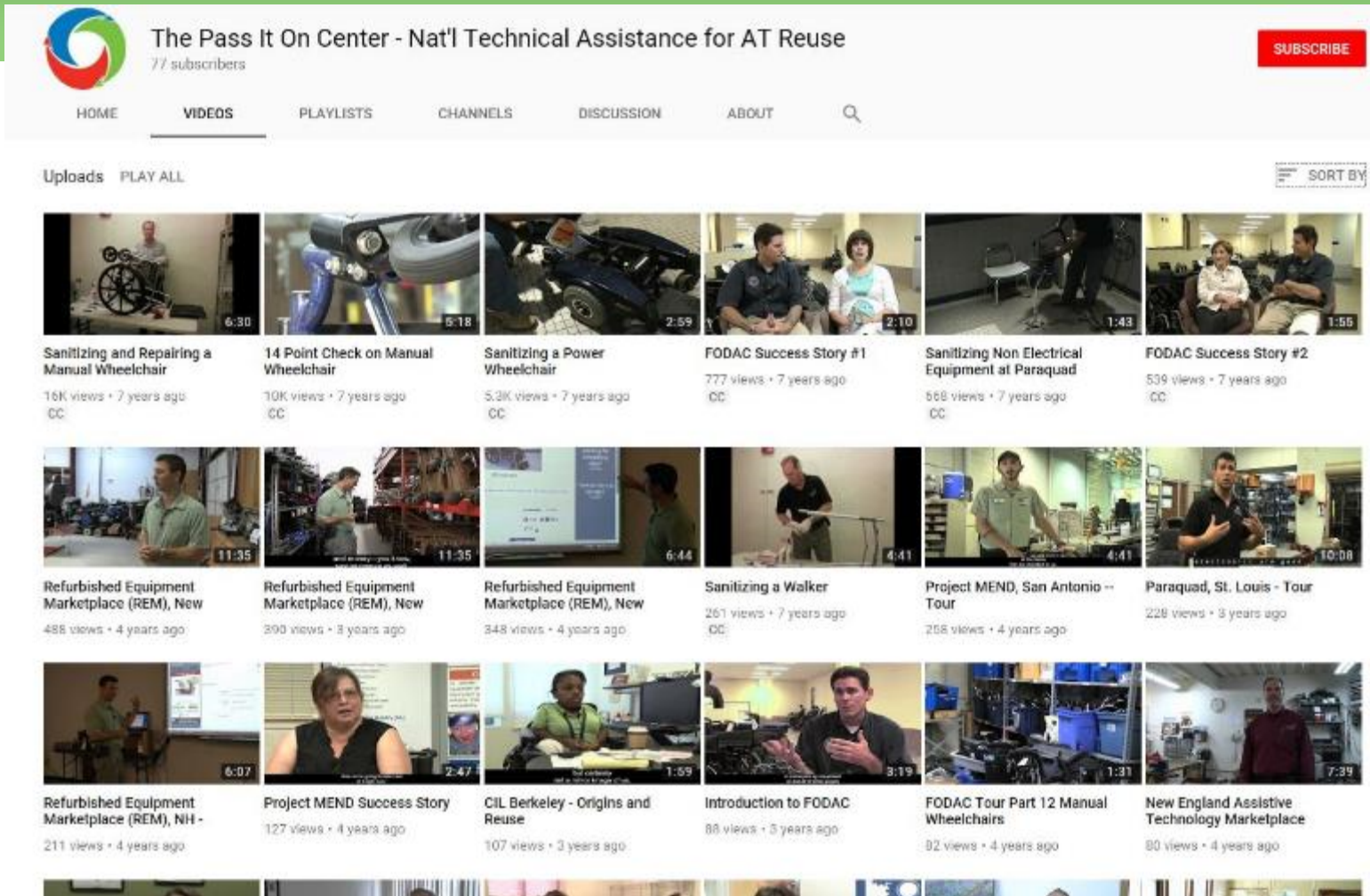
### Tools & Resources

- [PIOC Knowledge Base](#)
- [Indicators of Quality for AT Reuse \(IQ-ATR\) Online Assessment Tool](#)
- [AT Reuse Locations Database](#)
- [AT Reuse Partnerships with Medicaid Guide](#)
- [Pass It On Center Disaster Response](#)























# YouTube



The Pass It On Center - Nat'l Technical Assistance for AT Reuse  
77 subscribers

HOME VIDEOS PLAYLISTS CHANNELS DISCUSSION ABOUT

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 6:30	 5:18	 2:59	 2:10	 1:43	 1:56
<b>Sanitizing and Repairing a Manual Wheelchair</b> 16K views • 7 years ago CC	<b>14 Point Check on Manual Wheelchair</b> 10K views • 7 years ago CC	<b>Sanitizing a Power Wheelchair</b> 5.3K views • 7 years ago CC	<b>FODAC Success Story #1</b> 777 views • 7 years ago CC	<b>Sanitizing Non Electrical Equipment at Paraquad</b> 668 views • 7 years ago CC	<b>FODAC Success Story #2</b> 539 views • 7 years ago CC
 11:35	 11:35	 6:44	 4:41	 4:41	 10:08
<b>Refurbished Equipment Marketplace (REM), New</b> 488 views • 4 years ago	<b>Refurbished Equipment Marketplace (REM), New</b> 390 views • 3 years ago	<b>Refurbished Equipment Marketplace (REM), New</b> 348 views • 4 years ago	<b>Sanitizing a Walker</b> 261 views • 7 years ago CC	<b>Project MEND, San Antonio -- Tour</b> 258 views • 4 years ago	<b>Paraquad, St. Louis - Tour</b> 228 views • 3 years ago
 6:07	 2:47	 1:59	 3:19	 1:31	 7:39
<b>Refurbished Equipment Marketplace (REM), NH</b> 211 views • 4 years ago	<b>Project MEND Success Story</b> 127 views • 4 years ago	<b>CIL Berkeley - Origins and Reuse</b> 107 views • 3 years ago	<b>Introduction to FODAC</b> 88 views • 5 years ago	<b>FODAC Tour Part 12 Manual Wheelchairs</b> 82 views • 4 years ago	<b>New England Assistive Technology Marketplace</b> 80 views • 4 years ago



# Emergency Response in the Tri-State Region

*Addressing the Needs of Individuals with Disabilities*

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Jamie Arasz Prioli, RESNA ATP

Ocean County College

Center for Student Success – Disability Services

[www.ocean.edu](http://www.ocean.edu)



# NATURAL DISASTER 1

## Pennsylvania – Hurricane Irene (Aug. 2011)

- 706,000 residents without power in Eastern PA
- Flood waters raised the Schuylkill River to levels not seen in 140 years
- Excessive winds brought tornado warnings – tree damage

# CLIENT SCENARIO 1

## Hurricane Irene

- Emergency responders received a call from "Claire"
- Assistive technology (AT) needs as reported by the emergency responders
- Service provider (AT Act) response
- Lesson "takeaway"



# NATURAL DISASTER 2

## **Pennsylvania – Tropical Storm Lee (Sept. 2011)**

- 6 to 14 inches of rain throughout the state
- Most severe flooding throughout much of eastern PA
- Mandatory evacuations because of major flooding
- Bridges affected by high water



# CLIENT SCENARIO 2

## Tropical Storm Lee

- Emergency responders received a call from “Harold”
- Assistive technology (AT) needs as reported by the client/consumer
- Service provider (AT Act) response
- Lesson “takeaway”



## NATURAL DISASTER 3

### New Jersey – Hurricane “Superstorm” Sandy (Oct. 2012)

- Over two million households lost power
- 346,000 homes were damaged or destroyed
  
- Immediately after landfall, another nor-easter was predicted for the following week.
  - November 7 much of the state experienced wet snow --- power lines and tree limb damage

# CLIENT SCENARIO 3

## Hurricane “Superstorm” Sandy

- Emergency responders received a call from “Tynesia”
- Assistive technology (AT) needs as reported by the emergency responders
- Service provider (AT Act) response
- Lesson “takeaway”



# NATURAL DISASTER 4

## New York – Hurricane “Superstorm” Sandy (Oct. 2012)

- Flooding streets, tunnels and subway lines
- Massive power outages for several days
- Numerous homes and businesses were destroyed by fire
- Bellevue Hospital Center and a few other large hospitals were closed and evacuated.
- The storm damaged, destroyed, or severely flooded around 100,000 homes on Long Island

# CLIENT SCENARIO 4

## Hurricane “Superstorm” Sandy

Emergency responders received a call from “Christopher”

- Assistive technology (AT) needs as reported by the emergency responders
- Service provider response
- Lesson “takeaway”





# MAN-MADE EMERGENCY

## Eastern Pennsylvania - (Nov. 2017)

- Five-alarm fire at a senior living facility
- Fire started before 11 p.m. and brought under control around 2 a.m.
- Fire quickly spread to multiple buildings.
- Over 125 residents were evacuated to nearby shelters

# CLIENT SCENARIO

## Eastern Pennsylvania - (Nov. 2017)

- Emergency responders placed call for assistance
- Assistive technology (AT) needs as reported by the emergency responders
- Service provider response
- Lesson “takeaway”



# MY CONTACT INFORMATION

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# Identifying Needs and Matching Devices to the Needs of Disaster Survivors

Jamie Landry Karam

November 2017



# Identify Needs

## Talk & Observe

- Always talk to and observe disaster survivors first.
- If someone is having trouble walking, speaking, reading, hearing, or accomplishing any task, ask about it & get as much info as you can.
- Ask if he/she used a device before & if it was lost or destroyed during the disaster.
- There might be more than one limitation/need/device.
- Main goal is maintaining or regaining health, safety, & independence, & accomplishing everyday tasks.





# Identify Needs

## Questions to Ask

- Introduce yourself & state your goal(s).
- Are you doing okay? Do you have what you need to be healthy, safe, and do what you need to do?
- If the answer is no, get more info on problem & what is needed.
- Don't promise anything; say you'll try to help by working on a solution & meeting the need or referring them; Follow up with them or referral.
- Get a name and a way to contact them.
- Ask for permission to discuss their need & refer.



# Walking/Mobility

## Remember

- Ask if they used a device for mobility.
- If none, observe the need & ask what they think they need: a cane, a walker, or a wheelchair.
- The lower tech/less involved the device is, the easier/quicker it is to match, find, provide, & fit; Better for possibility of functional improvement, too.
- Ask for their height & weight; Tell them accurate (or as close to it) numbers are important to proper matching & fit of a device; Want to help, not harm.



# Walking/Mobility

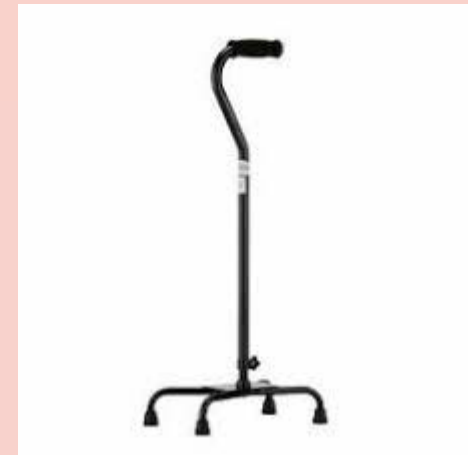
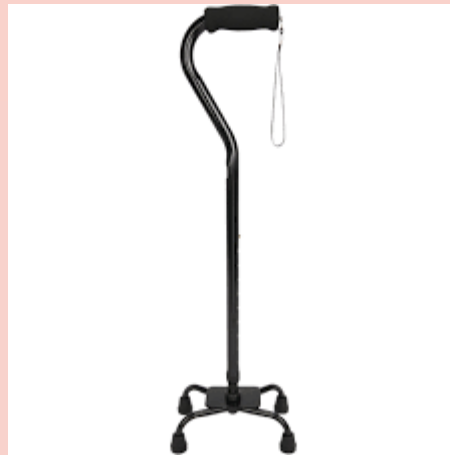
## Canes

- Need a small amount of support for stability & walking safely? A height-adjustable single prong cane is helpful.
- Need more support than a single prong cane provides, but not as much as a walker provides? A height-adjustable quad cane is a good choice. “Quad” refers to 4 feet or prongs coming from a base. Remember height & weight are factors to a proper match.
- Adjust the height so that the hand of the side needing more support rests on the cane’s handle & the arm is slightly bent & comfortable.
- Position the side of the quad cane’s base that has the 2 feet/prongs that stick out farther from the base (farther than the other 2 feet stick out) on the outer side, away from the person.
- All canes are used for support on the side that needs it the most.



# Walking/Mobility

## Images of Canes



# Walking/Mobility

## Walkers

- Walkers provide more support than canes, help keep you safer while walking, which helps you remain more active.
- Walkers are easier to fit/match than wheelchairs are, take up less space in your environment, and are easier to transport.
- For a little more all-over walking support than a quad cane provides, a regular folding cane with 2 front wheels is helpful.
- Walkers can be height-adjustable, folding, and come in different sizes to support various heights and weights.
- It's also called a walking frame, because you should keep within the frame of support when you walk.





# Walking/Mobility

## Images of Walkers



# Walking/Mobility

## Rollator Walkers

- Rollator walkers are walkers with 4 wheels, hand brakes, seats, and sometimes a basket or bag.
- Most fold, but not as compactly, and are height-adjustable; made in regular and heavy duty sizes to accommodate different weights.
- Squeeze brakes to slow or stop; pull down both handles to put on brakes before sitting down on the seat or standing back up.
- Great for rests during longer stretches of walking.



# Walking/Mobility

## Rollators



# Wheeled Mobility

## Wheelchairs

- Wheelchairs are for people who can barely walk for more than a few steps or can't walk at all.
- Manual wheelchairs are those in which people usually roll themselves and have 2 small wheels in the front and 2 big wheels behind that are used to roll around.
- Transport (wheel)chairs have 4 smaller wheels and are used to push people around for transportation purposes; the larger the wheels are, the more comfortable the ride.



# Wheeled Mobility

## More on Wheelchairs

- Wheelchairs come in children's sizes, youth, standard, and heavy duty (or bariatric); they have different seat sizes and are designed for different weight capacities.
- For temporary wheelchair provision during disasters, no customizations are usually available, but there are some "musts": foot plates, brakes, arm rests, seat belts, & anti-tip bars.
- Some options are sometimes necessary: elevating leg rests, reclining backs, seat cushions, lateral supports...



# Wheeled Mobility

## Images of Wheelchairs



# Wheeled Mobility

## Proper Fit

- Weight of person is important; make certain of weight limit of wheelchair or transport chair.
- Seat width is important; measure widest part of hips under person while sitting – number cannot exceed width of chair's seat; a little wiggle room is better.
- Seat depth is also important – place measuring tape under sitting person, beginning behind knee and measure to back of buttocks. Chair's seat depth needs to be less than this number so circulation isn't stopped.





# Wheeled Mobility

## Quick Measuring



# Other Device Needs

## Toileting & Bathing

- All-in-one bedside commode – can be used as a commode, raised toilet seat, & toilet safety frame. (Can also be used as a shower chair in a pinch.)
- Shower chair – with and without arms and back.
- Tub transfer bench
- Height-adjustable with different weight limits.
- Others: reclining bath cot, reclining power bath lift chair, etc.



# Other Device Needs

## Images of Toileting & Bathing



# Other Disaster Device Needs

## Considerations

- Hearing – personal amplifier, phone amplifier, video phone, TTY (old tech)
- Vision – lighted magnifiers, “cheater” glasses, task light, video magnifiers and scanning/reading machines
- Environmental access – threshold ramp, doorknob lever adapter, lower pressure/force to open doors
- Aids to Daily Living – adapted eating, grooming, & writing tools, reacher/grabber, lifting cushion



# Pass It On Center Team

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