Where can you go to treat your AD?

- If your AD persists you should go to the emergency room (ER). Remember to:
  - Present your wallet-sized Paralyzed Veterans of America (PVA) AD information card to the paramedics/ER staff.
  - Tell them you may be experiencing AD and ask to be treated right away.
  - Have your blood pressure measured as soon as possible.
  - Remain in a seated position until your blood pressure goes down.
  - Remind the physicians & nurses to search for the cause of your AD (e.g. bladder, bowel, or other causes listed above).

What other information is available on AD?

- The PVA self-help guide and wallet-sized AD information card: “Autonomic Dysreflexia: What you should know”
  
  Online source: [www.pva.org](http://www.pva.org)

  If you have previously experienced AD you should carry this card with you at all times.

- SCIRE (The Spinal Cord Injury Rehabilitation Evidence)

  Online source: [www.scireproject.com](http://www.scireproject.com)


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Paralympic Winter Games, March 2010
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Autonomic Dysreflexia and You: Recognize and Act

Headaches and episodes of sweating above the level of your injury may indicate that you are experiencing autonomic dysreflexia

You, your family, friends, and/or personal caregivers should read this pamphlet

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What is Autonomic Dysreflexia (AD)?

- It is a dangerous rise in your blood pressure that is triggered by a painful or non-painful stimulation below the level of your spinal cord injury (SCI).
- Below your SCI, your body cannot detect these stimulations and has difficulty properly responding to them.
- As a result, your blood pressure can go up quite fast and can lead to serious consequences such as stroke or even death.

What causes AD?

Episodes of AD are most commonly caused by bladder problems, which can be related to:

- A full bladder
- Urinary tract infection
- Blocked catheters
- Bladder or kidney stones

Other common causes include problems with:

- **Bowel or abdomen:**
  - Constipation
  - Bowel or abdominal exams
- **Tight clothing or equipment:**
  - Belt around the waist
  - Shoes or shoelaces
  - Leg braces
- **Musculoskeletal/Skin:**
  - Pressure sores
  - Ingrown toe nails
  - Broken bones or fractures
- **Sexual activity:**
  - Genital stimulation, especially with a vibrator
  - Ejaculation for men
- **Reproductive system (for women):**
  - Menstruation
  - Pregnancy (labour and delivery)

What do you do if you think you have AD?

You must act quickly! Perform the following steps or ask someone for help if you cannot do them yourself:

1. Sit up if you are lying down or lift your head to a 90 degree angle.
   **You must remain seated otherwise your AD could get worse!**
2. Loosen or remove any tight clothing or equipment.
3. If you have equipment to measure your blood pressure, measure it every 5 minutes to see if it goes down to your normal level.
4. Check your bladder. If full, empty it immediately!
   If you have an indwelling catheter, check if the tubing is blocked preventing your bladder from emptying.
5. If your blood pressure goes down and your symptoms subside, call your physician and report your symptoms and the steps you took to treat them.
6. If the AD signs and symptoms persist or come back call 9-1-1 and go to the emergency room!