

HOW TO USE CRUTCHES AND CANES

TO YOUR HEALTH - PATIENT EDUCATION HANDOUT

If you break a bone in your leg or foot, have a surgical procedure on your lower limb or suffer a stroke, you may need to use crutches or a cane. At first, everything you do may seem difficult, but with a few tips and practice, you'll gain confidence and learn to use your walking aid safely.

CRUTCHES

If an injury or surgical procedure requires you to keep your weight off your leg or foot, you may have to use crutches. The top of your crutches should reach to 1-1½ inches below your armpits while you stand up straight. The hand grips of the crutches should be even with the top of your hip line. Your elbows should bend a bit when you use the hand grips. Hold the top of the crutches tightly to your sides, and use your hands to absorb the weight. Don't let the tops of the crutches press into your armpits.

WALKING

- Lean forward slightly and put your crutches about one foot ahead of you.
- Begin your step as if you were going to use the injured foot or leg, but shift your weight to the crutches instead of the injured foot. Your body swings forward between the crutches.
- Finish the step normally with your non-injured leg.
- When the non-injured leg is on the ground, move your crutches ahead in preparation for the next step.
- Keep focused on where you are walking, not on your feet.

SITTING

- Back up to a sturdy chair.
- Put your injured foot in front of you and both crutches in one hand.
- Use the other hand to feel for the seat of your chair.
- Slowly lower yourself into it.
- Lean your crutches upside down in a handy location. (Crutches tend to fall over when they are stood on their tips.)
- To stand up, inch yourself to the front of the chair.
- Hold both crutches in the hand on your good leg side.
- Push yourself up and stand on the good leg.

USING STAIRS

- To walk up and down stairs with crutches, you need to be both strong and flexible.
- Facing the stairway, hold the handrail with one hand and tuck both crutches under your armpit on the other side.

- When you're going up, lead with your good foot, keeping the injured foot raised behind you.
- When you're going down, hold your injured foot up in front, and hop down each stair on your good foot. Take it one step at a time. You may want someone to help you at first.
- If you're facing a stairway with no handrails, use the crutches under both arms and hop up or down each step on your good leg, using more strength.

An easier way is to sit on the stairs and inch yourself up and down each step.

- Start by sitting on the lowest stair with your injured leg out in front.
- Hold both crutches flat against the stairs in your opposite hand.
- Scoot your bottom up to the next step, using your free hand and good leg for support.
- Face the same direction when you go down the stairs this way.

CANES

A cane may be helpful if you have a small problem with balance or instability, a minor weakness in your leg or trunk, an injury or pain. A single point cane may also help you to keep functioning independently. The top of your cane should reach to the crease in your wrist when you stand up straight. Your elbow should bend a bit when you hold your cane. Hold the cane in the hand opposite the side that needs support.

When you walk, the cane and your injured leg swing and strike the ground at the same time.

- To start, position your cane about one small stride ahead and step off on your injured leg.
- Finish the step with your normal leg.
- To climb stairs, grasp the handrail (if possible) and step up on your good leg first, with your cane in the hand opposite the injured leg.
- Then step up with the injured leg bringing the cane with it.
- To come down stairs, put your cane on the step first, then your injured leg, and finally the good leg, which carries your body weight.

References: American Academy of Orthopaedic Surgeons, www.orthoinfo.org



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Illinois University
Carbondale

Student Health Center

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This information is for educational purposes only. Consult your doctor for specific medical advice, diagnosis and treatment.

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618-453-3311

Dial-A-Nurse is available after-hours until 10:30 p.m. during fall and spring semesters. In case of emergency dial 911.