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Some patients who use wheelchairs can transfer themselves into the dental chair, but others need assistance. The extent of your involvement will depend on the patient's or caregiver's ability to help. Most people can be transferred safely from wheelchair to dental chair and back by using the two-person method. The following outline describes a safe transfer with a minimum of apprehension for the patient and clinician. Practice these steps before doing an actual patient transfer.

Six Steps to a Safe Wheelchair Transfer

STEP 1: DETERMINE THE PATIENT'S NEEDS

- ▶ Ask the patient or caregiver about
 - preferred transfer method
 - patient's ability to help
 - use of special padding or a device for collecting urine
 - probability of spasms
- ▶ Reduce the patient's anxiety by announcing each step of the transfer before it begins.

STEP 2: PREPARE THE DENTAL OPERATORY

- ▶ Remove the dental chair armrest or move it out of the transfer area.
- ▶ Relocate the hoses, foot controls, operatory light, and bracket table from the transfer path.
- ▶ Position the dental chair at the same height as the wheelchair or slightly lower.

Transferring to a lower level minimizes the amount of strength necessary during the lift.



STEP 3: PREPARE THE WHEELCHAIR

- ▶ Remove the footrests.
- ▶ Position the wheelchair close to and parallel to the dental chair.
- ▶ Lock the wheels in place and turn the front casters forward.
- ▶ Remove the wheelchair armrest next to the dental chair.
- ▶ Check for any special padding or equipment.

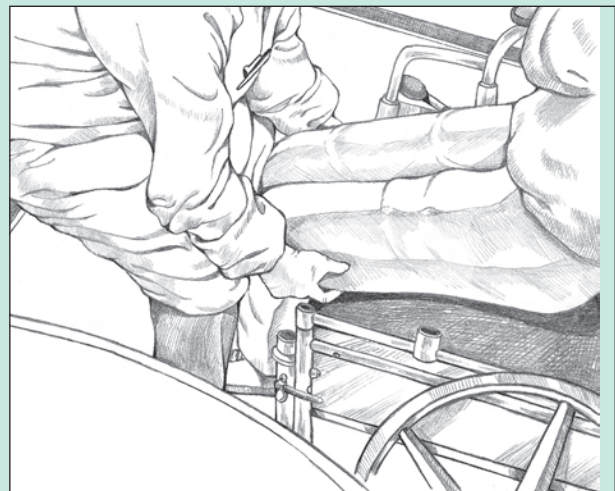
STEP 4: PERFORM THE TWO-PERSON TRANSFER

- ▶ Support the patient while detaching the safety belt.
- ▶ Transfer any special padding or equipment from the wheelchair to the dental chair.
- ▶ **First clinician:** Stand behind the patient. Help the patient cross his arms across his chest. Place your arms under the patient’s upper arms and grasp his wrists.
- ▶ **Second clinician:** Place both hands under the patient’s lower thighs. Initiate and lead the lift at a prearranged count (1–2–3–lift).
- ▶ **Both clinicians:** Using your leg and arm muscles while bending your back as little as possible, gently lift the patient’s torso and legs at the same time.
- ▶ Securely position the patient in the dental chair and replace the armrest.

THE TWO-PERSON TRANSFER



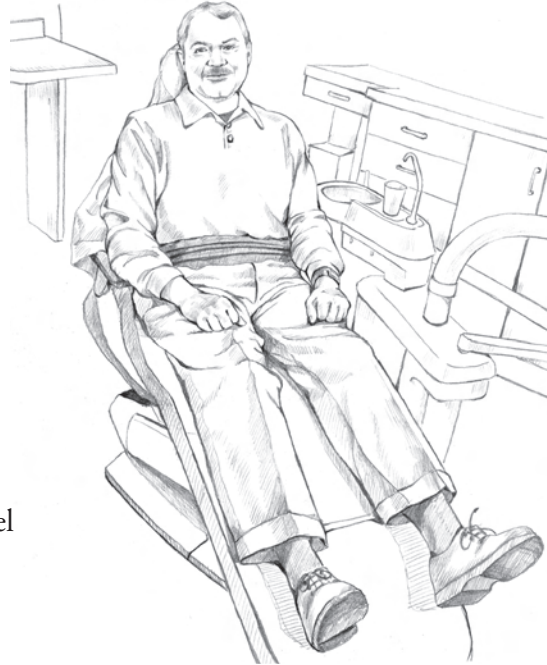
First clinician stands behind the patient.



Second clinician initiates the lift.

STEP 5: POSITION THE PATIENT AFTER THE TRANSFER

- ▶ Center the patient in the dental chair.
- ▶ Reposition the special padding and safety belt as needed for the patient's comfort.
- ▶ If a urine-collecting device is used, straighten the tubing and place the bag below the level of the bladder.



STEP 6: TRANSFER FROM THE DENTAL CHAIR TO THE WHEELCHAIR

- ▶ Position the wheelchair close to and parallel to the dental chair.
- ▶ Lock the wheels in place, turn the casters forward, and remove the armrest.
- ▶ Raise the dental chair until it is slightly higher than the wheelchair and remove the armrest.
- ▶ Transfer any special padding.
- ▶ Transfer the patient using the two-person transfer (see step 4).
- ▶ Reposition the patient in the wheelchair.
- ▶ Attach the safety belt and check the tubing of the urine-collecting device, if there is one, and reposition the bag.
- ▶ Replace the armrest and footrests.

This information can make a difference in your efforts to provide oral health care for patients who use a wheelchair. A skilled and sensitive dental staff can instill confidence during the transfer and encourage the patient to maintain a regular appointment schedule.

Practical Oral Care for People With Developmental Disabilities

Making a Difference



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and Craniofacial Research



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and Prevention



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Association

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This booklet is one in a series on providing oral care for people with mild or moderate developmental disabilities. The strategies listed are intended to provide general guidance on how to complete a safe wheelchair transfer.

Other booklets in this series:

Continuing Education: Practical Oral Care for People With Developmental Disabilities

Practical Oral Care for People With Autism

Practical Oral Care for People With Cerebral Palsy

Practical Oral Care for People With Down Syndrome

Practical Oral Care for People With Intellectual Disability

Dental Care Every Day: A Caregiver's Guide

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