

helps to minimize the development of pressure sores by providing the patient with a special foam surface that helps to reduce pressure, and by providing rotational therapy to minimize the length of time spent in one position.

How long will the patient be in the prone position?

The duration of treatment will vary according to the type or severity of the patient's illness or injury, which his or her doctor will determine.

How can I help?

As a family member or friend of someone receiving RotoProne® Therapy, you can support this therapy by:

- (1) Talking to the doctors, nurses and other healthcare providers. Ask questions about the patient's condition and care. Ask why RotoProne® Therapy is important for the patient, and ask how you can support your loved one.
- (2) Talk with your loved one and your family about the importance of being treated with prone therapy and Kinetic Therapy.™ Reassure them that the rotation is also important for their therapy.

For additional information on ARDS, please visit:

www.ards.org

www.ardsfoundationil.com



Turning Innovations Into Positive Outcomes.



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¹ www.lungusa.org/diseases/ards_factsheet.html

PATIENT & FAMILY INFORMATION ABOUT THE ROTOPRONE® THERAPY SYSTEM



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If you or your loved one is suffering from certain pulmonary complications, he or she may be a candidate for the KCI RotoProne® Critical Care Therapy System. This guide can help to answer questions you may have about the bed and the therapies it provides. Remember, your healthcare team members and KCI representatives are always available to answer questions you may have.

What is the RotoProne® Therapy System?

The RotoProne® Critical Care Therapy System provides prone positioning and Kinetic Therapy™. The RotoProne® Therapy System allows an immobile patient to be effortlessly and automatically positioned from a supine position (lying on one's back) to a prone position (lying face down), and gently rotated up to 62° from side to side (Kinetic Therapy™). The therapies provided in the RotoProne® Therapy System allow the patient's caregivers a wide variety of options in helping to treat pulmonary complications, such as ARDS, in a critically ill patient.

What is Prone Positioning?

Prone positioning involves placing the patient in a face down position. Prone positioning has been shown to improve the patient's ability to transfer oxygen to the blood by redistributing the blood flow and pressure in the lungs. After being placed in the prone position, most patients will show significant improvement in oxygenation within a very short period of time. Placing the patient into the prone position can help the patient remove

RotoProne® Therapy: gently rotating a patient in the prone position to help improve pulmonary outcomes.

mucous and other secretions that settle in their lungs. When these fluids are removed, the patient can breathe more easily.

What is Kinetic Therapy™?

KCI's Kinetic Therapy™ products provide slow, gentle, side-to-side rotation of the patient to an angle between 40 to 62 degrees. Because humans don't naturally lie on their backs without moving, Kinetic Therapy™ helps mobilize the patient to prevent fluids in the body from becoming stationary, keeping many of the body's organs functioning normally. Like prone positioning, Kinetic Therapy™ has been shown to improve oxygenation. The constant gentle motion prevents the patient from developing pneumonia. In addition, Kinetic Therapy™ helps to prevent pressure sores from developing by constantly redistributing pressure on any part of the body.

What is ARDS?

ARDS, Acute Respiratory Distress Syndrome, is a complication that occurs in approximately 150,000 patients per year in the United States! ARDS is a breathing failure that can occur

in critically ill patients as a result of other illnesses such as shock, pneumonia, traumatic injury or an infection that invades the entire body. It is a condition that can be life threatening. When injury to the lungs occur, fluid can build up and the lungs may stiffen. This prevents the transfer of oxygen from the air into the blood stream. When a patient is immobile, the severity of ARDS can increase.



Keeping the lungs mobilized helps reduce pulmonary complications.

What will the patient look like during Prone Therapy?

The patient will be lying face down, supported by special foam positioning packs which can be customized to the patient's size. A mask specifically designed to minimize pressure will support the patient's face.

Will Prone Therapy or Kinetic Therapy™ cause motion sickness?

Generally, no. Motion sickness is caused when the inner ear identifies changes in motion that your eyes and body do not sense. The RotoProne® Therapy System was designed to turn more slowly than your brain and inner ear can detect, which helps prevent feelings of motion sickness. In addition, the patient may be sedated and not realize, or remember, being in the prone position.

Are there any side effects associated with Prone Therapy?

Possibly. Due to the severity of the patient's illness and medical needs, the patient may experience swelling of the face, hands, feet and/or chest. Patients who are prone may experience pressure sores. The RotoProne® Therapy System

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The KCI RotoProne® Therapy System