



Custom LTC 4000 Sensus with "T" Style ROHOs - CASE STUDY

ROHO mattress sections offer the flexibility to be used in a multiple configurations.

The facts of the case: 68 year old male, highly incontinent at night, transferring and toileting independently during the day, using his walker for mobility. His bony prominences put him at risk and his skin integrity was further compromised by his incontinence. A side to side sleeper, he required the ROHO section across the full width of the bed at the foot end to support his heels through a wide range of motion. 3 ROHO mattresses sections were trialled as an overlay on his old mattress to accommodate his heels, hips and shoulders. However, he felt unstable sitting on the ROHO at the edge of the bed and transfers were more difficult with the soft, old mattress under the ROHO sections. The uncertain transfers prevented him from getting to the bathroom in time and the soft edge of the bed even resulted in him sliding off the edge of the bed one night.

Solution: Custom LTC 4000 Sensus with "T" Style ROHO's. The Custom T style configuration cut into the LTC 4000 Sensus provided a firm, foam transfer border on either side of the ROHO section and facilitated easier and safer independent transfers. The "T" style positioning is also cost effective since the configuration covers more body surface area (over 75%) with only two ROHO sections. The ROHO section for the heels covers the entire width of the mattress to support the heels through full range of movement. The foam area that contacts the body is soft Sensus foam. The ROHO sections with their drain holes in their base allow for the urine to flow through the ROHOs and get absorbed by the incontinence pads placed underneath the ROHO sections. In this way, the urine is kept away from the client's skin. This mattress configuration allowed the client to regain his ability to transfer and toilet independently, protected skin integrity and maintained his dignity.



Cost: Mattress \$1090, 2 x ROHO mattress sections at \$995 each section. Total solution \$3080 for a mattress system that provides ROHO sections to support over 75% of the body.

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Options for other users: To reduce the initial cost and still provide for long-term use of the mattress, a viscofoam insert could be ordered for either cut out area if both ROHO sections were not needed at the time of purchase. Later, the viscofoam insert could be replaced with a ROHO section. SelfCare rents ROHO mattresses sections which can be a cost effective solution for some users.

Rental Options: SelfCare Custom "T Style" Cut Out Mattress rental - \$150 per month. ROHO Mattress sections rental - \$150 each per month. 100% of the first month's rental is always deducted if the rental item is purchased.

Development of this alternative: This mattress configuration was designed at SelfCare Home Health Products by Sharon Shum, BScOT, ATP especially for those clients that were independently transferring and requiring a high pressure relief support surface.

Summary: Clinical trials and field experience have shown that ROHO mattress sections provide for an excellent healing surface. If you have a client with [pressure ulcers up to stage IV or unstageable](#), call SelfCare at 604-872-5800 to discuss the flexibility and cost effectiveness of ROHO products.