

WIELAND

case study: trace hip chair



not too soft
not too hard
not too short
not too tall

... designed just right around new orthopedic and rehab standards

Wieland Healthcare is pleased to introduce the innovative Trace Hip chair. The Trace Hip chair design has been carefully refined to meet modern orthopedic post-op and rehab requirements. Wieland closely consulted with 25 physical therapists and 2 athletic trainers to develop a chair tailored to recovering patients.

“We found that many orthopedic professionals not only liked to have the chairs in the waiting area, but also used them in the rehabilitation process, so it became important to design a chair that would keep the patient comfortable over a longer period of time.” shared Chris Baden, product engineer.

The collaboration with PTs and Wieland NPD also led to better understanding of the technology changes in orthopedic surgery procedures. And the resulting knowledge produced an unmistakable seating advantage for patients.

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engineering and design highlights include:

1. Trace Hip sports a flat seat pitch, as opposed to a 4 degree rear tilt, making standing easier for patients.
2. The adjusted 21.5" seat height is considered ideal for post hip surgery patients who are instructed to keep their hips at a higher level than their knees when exiting a chair.
3. A 16" seat depth allows patients an increased mechanical advantage while entering and exiting the chair. Patient posture also improved with the shortened seat.
4. The foot rest has been removed. An attached footrest hinders a patient's ability to center their body weight during the sit-to-stand movement.
5. Trace ottoman was determined to be optimal choice for knee patients who must keep their leg extended. Trace Ottoman nests neatly under the hip chair.



Trace Hip is the most recent addition to the Trace Collection which includes both metal and wood patient and guest chairs and ottomans. Trace Hip is available in 22" or 30" widths and can accommodate bariatric patients.

Wieland Healthcare, a leader in patient room furniture, has an industry-wide reputation of providing attractive, renewable and comfortable furnishings for a variety of healthcare settings.



Trace Hip Seat Height



Trace Guest Seat Height

