

Providence Park Hospital  
&  
The Custom Self-Returning Swivel Seat

# Case Study - Providence Park Hospital

## Custom Nurses' Charting Alcoves

Location: Providence Park Hospital, Novi, Michigan

Product: Clarin Swing-Arm with Self-Returning Swivel Seats

Quantity: 120

Sales Representative: Robin Smith, RT Smith & Associates, Michigan

Supplier: Clarin

### The Hospital

Located in Novi, Michigan, Providence Park Hospital is a state-of-the-art in-patient medical center. The vision of the newest St. John Health hospital is to create a community cornerstone that delivers the latest thinking in patient care and diagnostic treatment.

### The Challenge

Provide a fixed seating solution for 120 existing hallway charting alcoves that meet Michigan fire codes. Each alcove has a 42" high standing height, built-in counter that houses a computer for records and gives the staff views into two adjoining patient rooms.



Providence Park Hospital

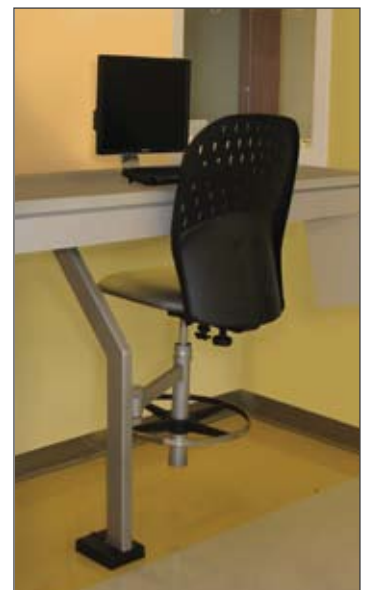
### The Solution

Clarin's Swing-Arm with Self-Returning, Adjustable Height Swivel Stool

### Project Overview

In addition to a nurses' station on each floor of the hospital, there were also 120 42"-high nurses' charting alcoves that were in need of a seating solution. Due to fire code regulations restricting loose seating in the main corridor, a fixed solution was necessary. The Clarin Design Team was given the following objectives for the space:

- Design a fixed seating solution for an already existing 42" high built-in work surface with a variety of widths and depths
- Must follow Michigan fire code restrictions: (1) 8 feet of hallway clearance; (2) the chair cannot protrude more than 4" into the aisle when at it's return position; and (3) no loose seating
- Height adjustability for different size users
- Easy and intuitive to use
- A stylish and comfortable seat design



Chair in return position

In order to accomplish the objectives, Clarin Engineers were immediately drawn to their Swing-Arm with Self-Returning Swivel Seat product. The design consists of a fixed pedestal with swing arm that holds the chair in a floating position (see Drawing 1 below).

When not in use, the chair swivels back to the return position on its own. The fire code restrictions were accounted for by customizing the pedestal and swing arm to position the chair to protrude no more than 4" into the main corridor, or hallway, when not in use (see Drawing 2). And, the spring loaded seat mechanisms and pneumatic-lift cylinder foot ring allow for adjustability to fit different size users.

Finally, the hospital chose the Apollo seat model with user-controlled back height adjustment for custom lumbar support, and tension controls for a soft or firmer recline position. With its sleek aesthetics and comfort-conscious design, it's the perfect match for the hospital's décor.



Shown with Apollo Chair

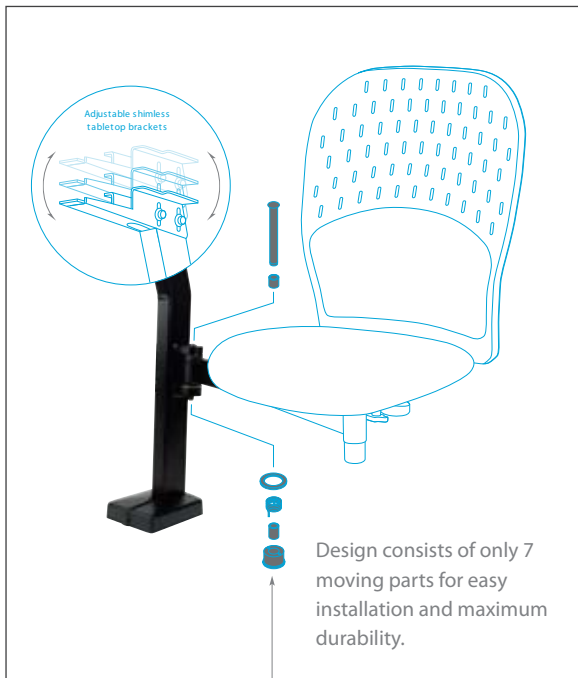
### Custom Parts (see Drawing 2 below)

- Pedestal
- Pedestal arm
- Mounting brackets
- Foot ring
- Paint
- Fabric

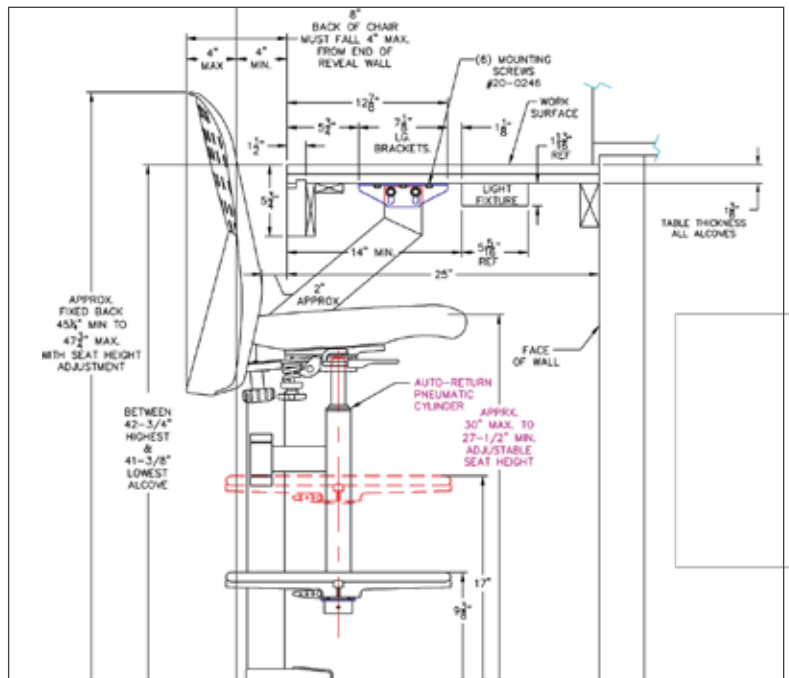
### Results

In the end, 120 Self-Returning Swivel Seats with Apollo Chairs were installed. A Hospital Administrator said the following:

“This project was critical to retaining our talented staff of nurses. They work long hours and need a place to rest while filling out charts. The final result works and looks great.”



Drawing 1



Drawing 2

# Providence Park Hospital & The Custom Self-Returning Swivel Seat

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## Fixed Seating

With over 80 years of experience, Clarin is the leading manufacturer of portable, fixed and custom seating solutions. Engineered and built for comfort, style and strength with high quality materials and workmanship, our extensive line of portable and fixed seating products is suitable for any venue or application. With our in-house engineering and production crew, customization options are endless, lead times are short and our customer service is second-to-none. Clarin. Now that's smart.

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