

Ergonomic Sonography Standards

	Preferred	Required*
Minimum of 150 square feet of room space		X
Include an area to park patient transfer equipment - alcove		X
Door, or breakaway door, with width at least 48" to accommodate wheelchairs, beds and ultrasound equipment		X
Automated door opener, push activated	X	
Flooring that allows easy mobility of equipment		X
Power outlets at 36" from the finished floor		X
Adjustable room lighting, a dimmer switch and shaded windows to eliminate light		X
Supply cabinets at 54" reach height		
Provide a variety of chairs that meet BJC ergonomic standards for sonography		X
Provide chairs specifically designed for sonography. Chair choices should be BJC standard. See Ergonomics for chair recommendation.	X	
Foot rest available in each treatment room	X	

Consider the following equipment:

Height-adjustable, electronic height-adjustable treatment tables (23"-40")

Treatment tables that have cut-outs to allow minimal reach of staff; right and left handed accessibility

Cardiac treatment tables with cut-out or removable cushion to allow access to apical region

Treatment table casters with full maneuverability and an easily accessible foot lock brake (preferably one lock on all four sides)

Treatment table accessible from both right and left sides

Table weight tolerance of at least 500 pounds

Table support structure and/or table mechanisms that do not extend beyond the table top. Allow room for a portable lift to maneuver beneath the table - at least 4".

Sonography machines should be height-adjustable, with a separate monitor and keyboard height adjustment

Portable blood pressure cuffs

Breast holder device

Sonography arm supports and cable supports

Gel bottles should have a large opening to decrease pressure required to squeeze

Provide patient transfer equipment - see Ergonomics for recommendations

Chairs: sit/stand, ultrasound-specific, seat pan adjustability, small footprint, no arms

All Design and Construction projects should comply with any applicable Federal and/or State code, ADA requirements or any other requirement in order to accommodate conditions unique to the project. BJC Ergonomic Standards reflect the 5th-95th percentile population.

*Requirement exceptions must be approved by BJC Ergonomics.

Ergonomics phone #: (314) 747-5851 Email: ergonomics@bjc.org