

IPPS™ Frequently Asked Questions

Q. What is the difference between an indexed overlay and an indexed couchtop?

A. An overlay “lays over” the existing support frame and/or spine of a CT, simulator, or linac. For linacs, an overlay will still result in the need to rotate the table in order to avoid the beam passing through the underlying steel support. An indexed couchtop, however, replaces the steel support system of the linac with a carbon fiber truss, eliminating the need for table rotation.

Q. Once indexed tabletops are installed within a department, what levels of standardization will be realized?

A. With a departmental indexed system, the positioning devices will be fixed, stable, true to lasers from room to room, and – when indexed in the same notches daily for treatment – in the exact same numerical travel position relative to isocenter. This will result in greater accuracies, efficiencies, and tighter tolerances within record-and-verify systems. In addition, many conventional simulators and linacs can be recalibrated to numerically “speak” to one another.

Q. Is an indexed carbon fiber overlay necessary for CT?

A. Yes. The benefits of an indexed carbon fiber CT overlay are threefold: a) it allows for the “locking down” of an indexed positioning and fixation device; b) it ensures that the positioning device is “true” to the lasers from room to room; and c) a carbon fiber top is light enough to be easily removed between uses on a non-dedicated CT.

Q. What is the “two-pin system”?

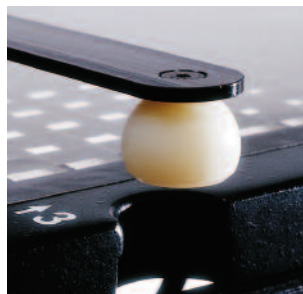
A. Quite simply, it’s a patented two-pin Lok-Bar that, once indexed onto a table top, “interfaces” to the two holes on an indexable positioning device. Working in tandem, they ensure a centered, non-moving, reproducible setup.

Q. What is the difference between Prodigy™, Exact®, and Interloc® indexing Lok-Bars?

A. The Prodigy Lok-Bar is designed to integrate with all protruding hemisphere style indexing couchtops. The Exact Lok-Bar is designed for the Varian Exact notched style indexing system. An Interloc Lok-Bar is for use on CIVCO’s notched-style indexing couchtops and overlays. All Lok-Bars feature the “two-pin” system and accommodate indexable patient positioning and fixation accessories. No matter which indexing system you use, they all maintain the same 14 cm space between indexing points, so setups will remain consistent from table to table.



Exact Lok-Bar



Interloc Lok-Bar



Prodigy Lok-Bar
Patent Pending



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