

Improving Staff Safety and Wellbeing

The “Friction Deficit” in modern healthcare environments and the solution for stability.

The “Friction Deficit”

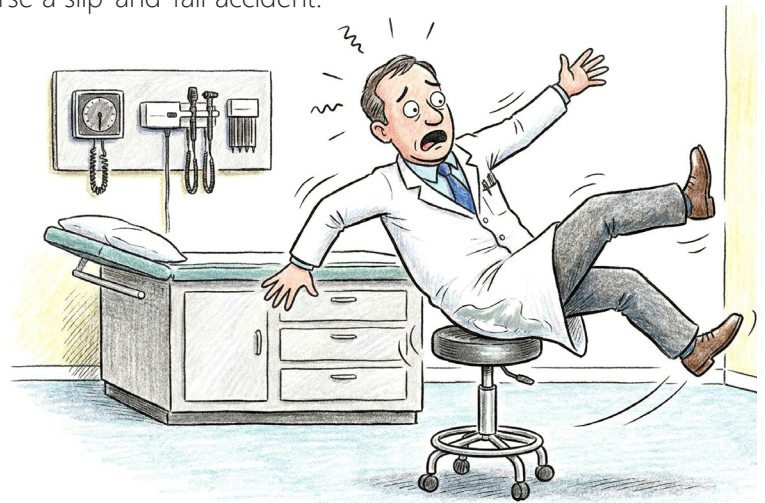
The shift from 100% cotton scrubs to polyester blends has improved durability and stain resistance but introduced a hidden safety issue. Polyester has a lower coefficient of friction than cotton, and when combined with standard vinyl seating, it creates a low-friction surface that affects posture and stability. Clinicians lose grip on the seat, which leads to constant muscle bracing and a gradual collapse in posture, or worse a slip-and-fall accident.

Slips and Falls

A lower coefficient of friction creates the risk of users slipping and falling from their chairs and stools.

Loss of Support

Users slide forward and away from lumbar support, leading to kyphotic posture and increase risk of Musculoskeletal Disorders (MSDs).



The solution is

Frixion[™]



Frixion medical-grade upholstery is designed to support ergonomics and help prevent falls. Its anti-slip surface keeps users securely positioned on the seat, including those wearing polyester-blend scrubs. This improves comfort, reduces the risk of slip-related injuries, and helps maintain proper posture by keeping the user engaged with lumbar support.

Frixion is easy to clean and disinfect, withstanding hospital-grade cleaners, disinfectants, and 5% bleach. Ideal for use in clinical areas of hospitals, clinics, and labs.

"A nurse at Woolwich Community Health Centre commented: 'I really love the material that's on the seat. It's not slippery and is ergonomically friendly for your back, making you sit up straight.' She would slide off the old stools and now she doesn't, because of this lovely material. It's very grippy."

– Paula Ballak, RPN, TEACH, OMSC, PATSS
Clinical Nurse Primary Care / Rural Community Health Worker

Schedule a quick consultation to explore safer, high-performance seating solutions for healthcare workers.

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