The Chelsea Critical Care Physical Assessment tool (CPAx)

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Sit to Stand

Grip Strength

Dynamic Sitting

Supine to sitting on the edge of the bed

Stepping

Transferring bed to chair

Standing Balance

Moving within the bed

Cough

Respiratory Function

CPAx

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The Chelsea Critical Care Physical Assessment Tool (CPAx): validation of an innovative new tool to measure physical morbidity in the general adult critical care population; an observational proof-of-concept pilot study

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Key findings:

• High content validity
• Concurrent validity with muscle strength, function, days of mechanical ventilation (n=33)
• Good inter-rater reliability (3 patients, 5 physios)
Construct validity of the Chelsea critical care physical assessment tool: an observational study of recovery from critical illness

Evelyn J Corner, Neil Soni2,3, Jonathan M Handy2,3 and Stephen J Brett2,4

Key findings:

• Strong association with hospital discharge location (n=498)
• Minimal floor and ceiling effect on ICU (0.8% ceiling, 3.2% floor)
Median and IQR of CPAx scores when divided by hospital discharge location (n=498)
eLearning to facilitate the education and implementation of the Chelsea Critical Care Physical Assessment: a novel measure of function in critical illness

Evelyn J Corner,1,2 Jonathan M Handy,1,2 Stephen J Brett2,3

Key findings:

Good inter-rater reliability (ICC 95% CI 0.990 to 0.999; n=207)

Widely used in the UK (43% of NHS trusts)
Thank you.

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http://cpax.ocbmedia.com