

Title X Collar Versus Conventional Cervical Collar

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Aim

To assess the safety, efficacy/effectiveness and cost-effectiveness of X Collar compared with conventional cervical collar for managing cervical problem such as cervical injury, cervical spondylosis and cervical sprain and strain.

Conclusions and results

There was no retrieval clinical study conducted among patients with cervical problems to support evidence on the safety, efficacy/effectiveness and cost-effectiveness of X Collar compared with conventional cervical collar for management of cervical problem such as cervical injury, cervical spondylosis and cervical sprain and strain. However, there was a laboratory study conducted among healthy volunteers without cervical problem showed that X Collar provided more superior cervical stabilization in both seated and supine positions on the backboard without manual cervical stabilization when compared with conventional cervical collars. Such laboratory study was graded as low level evidence.

Methods

The following electronic databases were search: MEDLINE (1948 to February 2013), EBM Reviews-Cochrane Database of Systematic Reviews (2005 until January 2013), EBM Reviews-Cochrane Central Register of Controlled Trials (1st Quarter 2013), EBM Reviews-Database of Abstracts of Review of Effects (1st Quarter 2013), EBM Reviews-Health Technology Assessment (1st Quarter 2013) NHS economic evaluation database (1st Quarter 2013) via OVID. Other database was PubMed, Cochrane Library, Australia & New Zealand Horizon Scanning Network (ANZHSN) and US Food & Drugs Administration (USFDA).

Further research/reviews required

More clinical research is warranted to provide quality evidence to support its effectiveness when use for managing of cervical problem such as cervical injury, cervical spondylosis and cervical sprain and strain.

Written by

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