

Title	Improving the likelihood of neurology patients being examined using patient feedback	
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	YES	
Background/Aims <i>(please explain why you did the QI project in no more than 100 words)</i>	<p>In a previous study we demonstrated that in-patients referred to neurology at two United Kingdom (UK) hospitals were not fully examined prior to referral; we therefore designed a larger quality improvement report with 80% power to detect a 10% increase in tendon hammer or ophthalmoscope use following an educational intervention.</p> <p>We aimed to establish whether recall of elements of the neurological examination can be improved by use of a simple patient assessment score.</p>	
Detailed methods including statistical methods where appropriate: <i>(no more than 200 words and NO RESULTS)</i>	<p><b>Data collection:</b> In-patients referred to neurology over a four month period (in hospitals in the UK (10), Jordan (1), Sweden (2), and the United Arab Emirates (1)) were asked whether they recalled being examined with a tendon hammer (T), ophthalmoscope (O), and stethoscope (S) since admission. The results were disseminated to local medical teams using various techniques (including Grand Round presentations, email, posters, discounted equipment). Data were then collected for a further four month period post-intervention. Each centre collected their own data using a standardised proforma, which was then</p>	

	<p>reviewed and collated centrally.</p> <p><b>Data analysis:</b> We used Fisher’s exact test to examine the significance of the association between pre and post-intervention data.</p> <p><b>Intervention (if appropriate):</b></p> <p>The development of a patient assessment score to evaluate the completeness of neurological examination by medical staff. A prospective, before and after, study assessing whether introduction of the score resulted in improved neurological examination based on patient feedback.</p>
<p><b>Key references</b></p>	<p>Appleton JP, Ilinca A, Lindgren A, Puschmann A, Hbahbih M, Siddiqui KA, de Silva R, Jones M, Butterworth R, Willmot M, Hayton T, Lunn M, Nicholl D. Improving the likelihood of neurology patients being examined using patient feedback. <i>BMJ Qual Improv Rep.</i> 2015 Nov 5;4(1). pii: u209610.w4063. doi: 10.1136/bmjquality.u209610.w4063.</p>