

Dear Colleague,

Thank you for completing this questionnaire as a practice connected to the CPRD database.

The UK.TASH-D study has been commissioned by NIHR HTA and will use the CPRD to investigate the treatment of first time traumatic anterior shoulder dislocation. As you know, shoulder dislocations often recur and we are investigating whether surgery makes recurrence less likely after a first episode. Our aim on completing this study is to write national guidelines to help you with referral care pathways for these patients. Your responses will be collected by CPRD and then provided to our university department where the data will be fully protected and managed by our data manager and data analysts.

The study is in two phases and we will be completely reliant in the main second phase on electronic codes to identify recurrent dislocations. Before starting the main phase, we need to know whether we can reliably identify 'New dislocation episodes' or whether these tend to be recorded as a 'Review' of the same problem (without a further dislocation occurring). Conversely, we need to know if codes apparently indicating a 'further' dislocation episode are in fact a 'Review' of the problem. We also need to confirm that codes recorded in primary care as 'dislocation' actually reflect this diagnosis, rather than less specific conditions affecting the shoulder.

We are therefore looking at a national sample of records that indicate a shoulder dislocation. By completing the following questionnaire on your patient, you will help tell us:

- 1) Was this actually a traumatic shoulder dislocation?
- 2) Did further episodes occur over the following two years, and if so, how many true recurrences were recorded as 'New' episodes?
- 3) Were there any examples of 'New' recurrences being recorded as a 'Review' of the original problem?

If the coding proves valid and reliable, then we will link a CPRD dataset to a Hospital Episode Statistics (HES) dataset to compare surgical versus conservative treatment (including physiotherapy) on recurrent dislocation rates. This will allow us to write national pathway guidelines for the management of this condition in primary care.

Thank you in anticipation of your help

Professor Jonathan Rees and the UK.TASH-D study team.

GP CPRD Validation Questionnaire for the UK.TASH-D Study

Number	Question	Response (please tick)	
		Yes	No
1.	Is shoulder dislocation, an unstable shoulder, or shoulder instability caused by INJURY documented in the patient's notes?	<i>(If YES go to Q5)</i>	<i>(If NO go to Q2)</i>
2.	Is shoulder <u>trauma</u> or shoulder <u>injury</u> documented in the patient's notes?	<i>(If YES go to Q3)</i>	<i>(If NO go to Q3)</i>
3.	Do MRI or X-ray imaging reports confirm a diagnosis of <u>traumatic</u> dislocation by mentioning the presence of Hill Sachs, Bankart lesion, labral tear, labral detachment, dislocation, relocation, bony Bankart?	<i>(If YES go to Q5)</i>	<i>(If NO go to Q4)</i>
4.	Do Hospital letters from specialists or physiotherapists confirm traumatic instability or traumatic shoulder dislocation?	<i>(If YES go to Q5)</i>	<i>(If NO go to Q8)</i>
5.	Is there any record of a dislocation prior to the CPRD first registration date at your practice?	<i>(If YES go to Q6)</i>	<i>(If NO go to Q6)</i>
6.	Are there any further dislocation codes in the record during the 2 years after the first dislocation code?	<i>(If YES go to Q6b)</i>	<i>(If NO go to Q6c)</i>
6b.	If YES is it clear (for each one) that this is a further dislocation episode rather than simply a review of the problem?	<i>(If YES go to Q7)</i>	<i>(If NO go to Q7)</i>
6c.	If NO, have there been any further dislocations recorded during the following 2 years that are not electronically coded?	<i>(If YES go to Q7)</i>	<i>(If NO go to Q7)</i>
7.	Are there any physiotherapy treatment codes for 2 years after the first dislocation code?	<i>(If YES go to Q7b)</i>	<i>(If NO go to Q7c)</i>
7b.	If YES is it clear that this physio code indicates the patient received physiotherapy for their shoulder?	<i>(If YES go to Q8)</i>	<i>(If NO go to Q8)</i>
7c.	If NO, is there any documentation that the patient has received physiotherapy for their shoulder without a code being entered?	<i>(If YES go to Q8)</i>	<i>(If NO go to Q8)</i>
8.	If your responses to this questionnaire indicate this patient has not had a traumatic shoulder dislocation but your reading of the notes or your knowledge of the patient suggest they might have please tick the YES box, otherwise tick the NO box.	<i>The end – thank you</i>	<i>The end – thank you</i>