Reviewer’s report

Title: Serious infections in patients with self-reported psoriatic arthritis from the Psoriasis Longitudinal Assessment and Registry (PSOLAR) treated with biologics

Version: 1 Date: 05 Jul 2019

Reviewer: William Tillett

Reviewer's report:

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The authors report data on the rates of serious infections amongst patients with self-reported psoriatic arthritis from the PSOLAR psoriasis registry. Data relating to infection rates amongst patients with Psoriasis in the PSOLAR registry has previously been reported but this analyses focuses on those with PsA and this is a relevant cohort to investigate. The primary finding is of numerically less, but statistically non-significant, number of events amongst those on Ustekinumab compared with TNFi in additional to other infection risks.

I see the manuscript has already been subject to peer review. The authors have made a significant effort to address limitations relating to the industry collaboration/ funding and used the STROBE checklist. I don't have a great deal to add. On a very minor note the traditional term for csDMARDS is conventional synthetic (rather than systemic)

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
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Are the conclusions drawn adequately supported by the data shown?
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I am able to assess the statistics

**Quality of written English**

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Acceptable

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Nil relevant to this manuscript

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