**Clinical audit of infection and vaccination status monitoring and recording in patients with inflammatory arthritis**

### Aims/objectives - To determine if infection and vaccination status were elicited during regular clinical encounters and clearly recorded in the electronic medical record (EMR) for patients with inflammatory arthritis on immunosuppression. This is a simple practice audit data collection form which will take less than 60 seconds to complete at the end of a patient consultation. Please complete for 10 patients

### Underpinning evidence / guidelines -

Bombardier, C., Hazlewood, G. S., Akhavan, P., Schieir, O., Dooley, A., Haraoui, B., … &
 Bykerk, V. (2012). Canadian rheumatology association recommendations for the

 pharmacological management of rheumatoid arthritis with traditional and biologic disease-

 modifying antirheumatic drugs: Part II safety. The Journal of Rheumatology, 39(8), 1583-

 1602.

**Audit standards**

|  |  |
| --- | --- |
| Latent TB infection (LTBI): | Adherence goal (%) |
| 1. Patients with an inflammatory arthritis on biologic therapy should have had a risk factor assessment for TB, and the results should be clearly recorded | 100 |
| 2. Patients with an inflammatory arthritis on biologic therapy should have had a Mantoux skin test for LTBI, and the results should be clearly recorded | 100 |
| 3. Patients with an inflammatory arthritis on biologic therapy should have had a chest X-ray for LTBI, and the results should be clearly recorded | 100 |

|  |  |
| --- | --- |
| Hepatitis: |  |
| 4. Patients with an inflammatory arthritis should have had their Hepatitis B serology checked, and the results clearly recorded | 100 |
| 5. Patients with an inflammatory arthritis should have had their Hepatitis C serology checked, and the results clearly recorded  | 100 |

|  |  |
| --- | --- |
| Vaccinations: |  |
| 6. Patients with an inflammatory arthritis should be counseled on the influenza vaccine yearly, and their vaccination status should be clearly recorded | 80 |
| 7. Patients with an inflammatory arthritis should be counseled on the pneumococcus vaccine, and their vaccination status should be clearly recorded  | 80 |
| 8. Patients with an inflammatory arthritis, who are above 60 or at high risk for shingles, should be counseled on the herpes zoster vaccine, and their vaccination status should be clearly recorded | 80 |

|  |  |  |  |
| --- | --- | --- | --- |
| Date |  | Patient ID(EMR or Provincial #) | DOB or age |

|  |  |  |
| --- | --- | --- |
| Diagnoses | * RA
* PsA
* AS
 | Current Meds* Biologics
* Prednisone
* Traditional DMARDs
 |

VACCINATIONS

|  |  |
| --- | --- |
| Is pneumococcal vaccine indicated?  | * Yes
* No
 |
| Is the patient vaccinated for pneumococcus?  | * Not Complete | Not Discussed/ Not Recorded
* Not Complete| Discussed and Discussion Recorded
* Complete | Not Recorded
* Complete| Recorded
* Unsure
 |
| Was the patient vaccinated for influenza in the past 12 months?  | * Not Complete | Not Discussed/ Not Recorded
* Not Complete| Discussed and Discussion Recorded
* Complete | Not Recorded
* Complete| Recorded
* Unsure
 |
| Is the patient at high risk for zoster infection, or above 60y?  | * Yes
* No
 |
| If yes, have they had a zoster vaccination?  | * Not Complete | Not Discussed/ Not Recorded
* Not Complete| Discussed and Discussion Recorded
* Complete | Not Recorded
* Complete| Recorded
* Unsure
 |

HEPATITIS B AND C SCREENING

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Has the patient been screened for Hep B status , and is it recorded? | * Not screened
 | * Screened but not recorded
 | * Screened and recorded
 | * Unsure
 |
| Has the patient been screened for Hep C status , and is it recorded? | * Not screened
 | * Screened but not recorded
 | * Screened and recorded
 | * Unsure
 |

|  |  |
| --- | --- |
| Did this audit caused an immediate change on the visit being audited? | * Yes
* No
 |
| Please add any further relevant comments: |

TUBERCULOSIS SCREENING

|  |  |
| --- | --- |
| Is screening for TB indicated? | * Yes
* No
 |
| If yes, what screening for LTBI has been completed? (check all that apply) | * Hx
* Px
* Mantoux
* CXR (only indicated for high risk group)
* None of the above
 |