BACKGROUND AND IMPORTANCE

Enhancement information for patients with chronic inflammatory arthritis (IA) on the management of subcutaneous (SC) biological DMARDs (bDMARDs) with the intervention of several successive health professionals should improve their necessary safety knowledge and skills for optimized self-management of their treatments.

AIM AND OBJECTIVES

1) To assess the pharmacist’s contribution to improving knowledge and skills of patients with IA treated with SC bDMARDs during multidisciplinary consultation (MC).
2) To assess the impact on therapeutic adherence and patient satisfaction.

MATERIALS AND METHODS

Prospective, monocentric, 6 months-trial, approved by Ethical Committee, from October 2019 to July 2020

Inclusion criteria

Patient with IA
Under SC bDMARDs

Multidisciplinary consultation (M0)

Care coordinator
Pharmacist
Rheumatologist

Aim = enhance patient’s knowledge and adherence

Intervention

M0
M3
M6

Self-administered questionnaires
- Biosecure (knowledge)
- CQR-5 (adherence)
- Satisfaction (M3)

Endpoints

1) Comparison of the Biosecure score to M0, M3 and M6
2) Comparison of the rate of patients with high level of knowledge and with high adherence to baseline, M3 and M6 and patient satisfaction

RESULTS

Demographic data

n = 79
Age = 50.4 ± 14.7 years
Sex ratio (M/F) = 1.1

Adherence

Comparison of the rate of patients with high adherence

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>M3</th>
<th>M6</th>
<th>p</th>
</tr>
</thead>
<tbody>
<tr>
<td>% patients with high adherence</td>
<td>92.4</td>
<td>92.4</td>
<td>94.9</td>
<td>0.77</td>
</tr>
</tbody>
</table>

Satisfaction (/28)

24.9 ± 3.1

P<0.001

P<0.001

CONCLUSION AND RELEVANCE

Participation of the pharmacist in the MC allows for a significant improvement of patients’ knowledge on their bDMARDs. Regarding adherence, no significant difference can be explained by an already high level. This study highlights the positive impact of MC on patients’ knowledge of their SC bDMARD, as well as patient satisfaction.