Step 1: NSAID
2 – 4 Weeks

- Intolerance
  - Yes: Contraindication to any other NSAID
  - No: ASDAS < 2.1

  - Yes: ASDAS < 2.1
    - Yes: Continue or taper based on a shared decision
    - No: Based on a shared decision, you can choose to EITHER: continue or taper - try another NSAID

  - No: ASDAS < 1.3
    - Yes: Contraindication to any other NSAID
    - No: ASDAS < 2.1

- Step 3: physiotherapy / NSAID/ analgesic
  - ASDAS < 2.1
    - Yes: Continue or tapered based on a shared decision
    - No: Based on a shared decision

- Step 2: Another NSAID
  - 2 – 4 Weeks

- Step 3:
  - (Abnormal CRP or MRI or X-Rays)
  - AND No contraindication to bDMARD
  - AND in accordance to the local health care system

- Based on a shared decision

- Intolerance
  - Yes: ASDAS < 2.1
  - No: ASDAS < 2.1

- Continue or tapered based on a shared decision

- Based on a shared decision

- ASDAS < 2.1

- ASDAS < 2.1
Supplemental material

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Molto A

Intolerance requires discontinuation of bDMARD

- Intolerance
  - YES
  - NO

  ASDAS < 2.1
  - YES
  - NO

  ΔASDAS ≥ 1.1
  - YES
  - NO

  Continue bDMARD and NSAID or taper NSAID based on a shared decision

  4 Weeks

  Continue bDMARD and NSAID

  Intolerance
  - YES
  - NO

  ASDAS < 2.1
  - YES
  - NO

  ΔASDAS ≥ 1.1
  - YES
  - NO

  Pain related to SPA

  4 Weeks

  Continue bDMARD, May continue with physiotherapy / NSAID / analgesics

  ΔASDAS < 1.1
  - YES
  - NO

  ΔASDAS ≥ 1.1 and agreement with reimbursement

  Step 4C = Step 3A with a new bDMARD

  Step 4B

  Step 4D

- Step 4A

  Justifying a therapeutic window (not allowing the immediate initiation of another bDMARD)

  - YES
  - NO

  Clinical status justifying the introduction of a bDMARD

  - YES
  - NO

  ΔASDAS = ASDAS today - ASDAS at the last available visit

  or to indicate the choice made between two options

  Step 4B

  Step 4A