The relevant patient group is adults with a diagnosis of osteoarthritis (OA) of the hips, knees or hands

**HCQI OA 1**

If a patient is diagnosed with symptomatic osteoarthritis (OA), then he or she should be assessed for pain, functional ability, level of physical activity, body mass index (BMI), and labor force participation at baseline or when experiencing significant pain or functional limitation.

This indicator is applicable to our institution □ yes □ no (If not, explain in the comment field)

Data can be delivered for this indicator □ yes □ no (If not, explain in the comment field)

A. **Numerator:** Number of patients diagnosed with OA over the past 12 months with a documentation of assessed pain, functional ability, level of physical activity, body mass index (BMI), and labor force participation at baseline

Answer: x patients

**Denominator:** All new patients with OA seen over the past 12 months.

Answer: x patients

**Numerator/ Denominator** = Percentage of patients with OA assessed for pain, functional ability, level of physical activity, body mass index (BMI), and labor force participation at baseline.

B. **Numerator:** Number of patients diagnosed with OA with a documentation of assessed pain, functional ability, level of physical activity, body mass index (BMI), and labor force participation when experiencing significant pain or functional limitation over the past 12 months.

Answer: x patients

**Denominator:** All patients with OA seen over the past 12 months.

Answer: x patients

**Numerator/ Denominator** = Percentage of patients with OA assessed for pain, functional ability, level of physical activity, body mass index (BMI), and labor force participation when experiencing significant pain or functional limitation

**Data source(s)**

- □ Register
- □ Patient record, paper or electronic
- □ Survey
- □ Other: ........................................................
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Comments:
The relevant patient group is adults with a diagnosis of osteoarthritis (OA) of the hips, knees or hands

<table>
<thead>
<tr>
<th>HCQI OA 2</th>
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</thead>
<tbody>
<tr>
<td>If a patient with symptomatic OA is prescribed NSAID or aspirin then GI bleeding risk, CVD risks, and renal risks should be assessed</td>
</tr>
</tbody>
</table>

This indicator is applicable to our institution  □ yes □ no  (If not, explain in the comment field)

Data can be delivered for this indicator  □ yes □ no  (If not, explain in the comment field)

**Numerator:** Number of patients with OA with NSAID or aspirin prescribed in whom GI bleeding risks, CVD risks, and renal risks is assessed over the past 12 months.

Answer: x patients

**Denominator:** All patients with OA and NSAID or aspirin prescribed over the past 12 months.

Answer: x patients

**Numerator/Denominator =** Percentage of patients with OA and NSAID or aspirin prescribed with a documented assessment for GI bleeding risk, CVD risks, and renal risks.

**Data source(s)**

- □ Register
- □ Patient record, paper or electronic
- □ Survey
- □ Other: ..................................................

**How were the figures and values provided in this survey retrieved?**

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- □ By proper calculation
- □ By estimated values

**Comments:**
The relevant patient group is adults with a diagnosis of osteoarthritis (OA) of the hips, knees or hands

<table>
<thead>
<tr>
<th>HCQI OA 3</th>
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</thead>
<tbody>
<tr>
<td>If a patient with OA is overweight (as defined by a BMI ≥ 27), then he or she should receive information on weight management and offered referral to a weight management program.</td>
</tr>
</tbody>
</table>

This indicator is applicable to our institution □ yes □ no (If not, explain in the comment field)

Data can be delivered for this indicator □ yes □ no (If not, explain in the comment field)

**Numerator:** Patients with OA and a BMI>27 with a documented information and/or referral to a weight management program over the past 12 months.

Answer: x patients

**Denominator:** All patients with OA and a BMI > 27 seen over the past 12 months.

Answer: x patients

**Numerator/Denominator =** Percentage of patients with OA and a BMI>27 with a documentation that weight management information or referral to a weight management program has been offered at least once.

**Data source(s)**

- □ Register
- □ Patient record, paper or electronic
- □ Survey
- □ Other: ..................................................

**How were the figures and values provided in this survey retrieved?**

- □ Selection
- □ Random
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**Comments:**
The relevant patient group is adults with a diagnosis of osteoarthritis (OA) of the hips, knees or hands

<table>
<thead>
<tr>
<th>HCQI OA 4</th>
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</table>

If a patient is newly diagnosed with symptomatic OA, then, he or she should be given individually tailored education by relevant health professionals about the natural history, treatment, and self management of the disease within 3 months.

This indicator is applicable to our institution □ yes □ no (If not, explain in the comment field)

Data can be delivered for this indicator □ yes □ no (If not, explain in the comment field)

**Numerator:** Number of patients newly diagnosed with symptomatic OA who have been given individually tailored education about the natural history, treatment, and self management of the disease within 3 months over the past 12 months.

Answer: x patients

**Denominator:** All patients newly diagnosed with OA over the past 12 months.

Answer: x patients

**Numerator/Denominator** = Percentage of patients with newly diagnosed OA with a documentation that they have received individually tailored education within 3 months after diagnosis.

**Data source(s)**

- [ ] Register
- [ ] Patient record, paper or electronic
- [ ] Survey
- [ ] Other: ..............................................

**How were the figures and values provided in this survey retrieved?**

- [ ] Selection
- [ ] Random
- [ ] By proper calculation
- [ ] By estimated values

**Comments:**
The relevant patient group is adults with a diagnosis of osteoarthritis (OA) of the hips, knees or hands

HCQI OA 5

If a patient is diagnosed with symptomatic OA then a referral to a relevant health professional for instruction in an individualized exercise program including advice for physical activity, range of motion-, muscle strengthening- and aerobic exercises should be provided within 3 months.

This indicator is applicable to our institution □ yes □ no (If not, explain in the comment field)

Data can be delivered for this indicator □ yes □ no (If not, explain in the comment field)

**Numerator:** Number of patients newly diagnosed with symptomatic OA with referral to a relevant health professional for exercise within 3 months over the past 12 months

Answer: x patients

**Denominator:** All patients newly diagnosed with OA over the past 12 months.

Answer: x patients

\[
\text{Numerator/Denominator} = \frac{\text{Number of patients}}{\text{Total patients}}
\]

Percentage of patients with newly diagnosed OA with a documented referral to a relevant health professional for an individual exercise program within 3 months after diagnosis.

**Data source(s)**

- Register
- Patient record, paper or electronic
- Survey
- Other: ..............................................

**How were the figures and values provided in this survey retrieved?**

- Selection
- Random
- By proper calculation
- By estimated values

**Comments:**
The relevant patient group is adults with a diagnosis of osteoarthritis (OA) of the hips, knees or hands

If a patient with a diagnosis of symptomatic OA reports difficulties in ambulatory and/or non ambulatory activities of daily living the need for assistive devices, orthoses, and environmental adaptations should be assessed and addressed.

This indicator is applicable to our institution □ yes □ no (If not, explain in the comment field)

Data can be delivered for this indicator □ yes □ no (If not, explain in the comment field)

**Numerator:** Number of patients with OA and reported difficulties in ambulatory/non ambulatory activities of daily living with documentation that the need of devices/orthoses/adaptions has been assessed and addressed over the past 12 months.

Answer: x patients

**Denominator:** All patients with OA who have reported difficulties in ambulatory/non ambulatory activities of daily living over the past 12 months.

Answer: x patients

**Numerator/Denominator =** Percentage of patients with OA and reported difficulties in ambulatory and/or non ambulatory activities of daily living with documentation that the need of devices/orthoses/adaptions has been assessed and addressed.

**Data source(s)**

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**Comments:**
The relevant patient group is adults with a diagnosis of rheumatoid arthritis (OA) of the hips, knees or hands

(Structure indicator)

<table>
<thead>
<tr>
<th>HCQI OA 7</th>
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<tbody>
<tr>
<td>All professionals managing patients with OA at a primary health care centre should have continuous access to education on important preventive and therapeutic strategies in the management of OA.</td>
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<tr>
<td>This indicator is applicable to our institution</td>
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<tr>
<td>□ yes □ no (If not, explain in the comment field)</td>
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</table>

Do all professionals managing patients with OA in your clinic have continuous access to education on important preventive and therapeutic strategies in the management of OA?

□ yes □ no (If not, explain in the comment field)

Comments:
The relevant patient group is adults with a diagnosis of osteoarthritis (OA) of the hips, knees or hands

**HCQI OA 8**

If a patient has a diagnosis of symptomatic OA and has failed to respond to pharmacological and non pharmacological therapy then the patient should be referred to an orthopedic surgeon when relevant.

This indicator is applicable to our institution □ yes □ no (If not, explain in the comment field)

Data can be delivered for this indicator □ yes □ no (If not, explain in the comment field)

**Numerator:** Number of patients with OA who have been referred to an orthopaedic surgeon when there is no response to pharmacological and non pharmacological therapy and when relevant over the past 12 months.

Answer: x patients

**Denominator:** All patients with OA who have not responded to pharmacological and non pharmacological therapy and with relevance for a referral to an orthopedic surgeon over the past 12 months

Answer: x patients

**Numerator/Denominator =**

Percentage of patients with no effect of pharmacological and non pharmacological therapy with documentation that they have been referred to an orthopaedic surgeon when relevant.

**Data source(s)**

- □ Register
- □ Patient record, paper or electronic
- □ Survey
- □ Other: ..................................................

**How were the figures and values provided in this survey retrieved?**

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**Comments:**
The relevant patient group is adults with a diagnosis of osteoarthritis (OA) of the hips, knees or hands

(Structure indicator)

<table>
<thead>
<tr>
<th>HCQI OA 9</th>
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<tbody>
<tr>
<td>If a patient is diagnosed with OA and has been referred to an orthopedic surgeon, then the waiting time from first referral should not exceed three months</td>
</tr>
<tr>
<td>This indicator is applicable to our institution  □ yes □ no  (If not, explain in the comment field)</td>
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<td>Data can be delivered for this indicator  □ yes □ no  (If not, explain in the comment field)</td>
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</table>

**Numerator**: Number of patients with OA referred to an orthopedic surgeon over the past 12 months with a documented visit within three months

**Denominator**: All patients with OA referred to orthopedic surgeon over the past 12 months

**Numerator/Denominator** = Percentage of patients referred to an orthopedic surgeon with a visit within three months.

**Data source(s)**

- □ Register
- □ Patient record, paper or electronic
- □ Survey
- □ Other: .................................................

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**Comments:**
The relevant patient group is adults with a diagnosis of osteoarthritis (OA) of the hips, knees or hands

<table>
<thead>
<tr>
<th>HCQI OA 10</th>
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<tbody>
<tr>
<td>If a patient is diagnosed with symptomatic OA and has functional limitation then an improvement of his/her functional ability by 20% on a patient reported outcome measure should be reached within three months after initiation/change of pharmacological/non pharmacological treatment. (Measured by visit or telephone contact or letter)</td>
</tr>
</tbody>
</table>

| This indicator is applicable to our institution | ☐ yes ☐ no | (If not, explain in the comment field) |
| Data can be delivered for this indicator | ☐ yes ☐ no | (If not, explain in the comment field) |

**Numerator:** Number of patients with OA and limited functional ability with a reported improvement of 20% within three months after initiation/change of pharmacological/non pharmacological treatment over the past 12 months.

Answer: x patients

**Denominator:** All patients with OA and functional limitation and initiation/change of pharmacological/ non pharmacological treatment over the past 12 months.

Answer: x patients

**Numerator/Denominator =** Percentage of patients with OA and functional limitation with a documented improved functional ability by 20% three months after initiation of pharmacological/ non pharmacological treatment.

**Datasource(s)**

- ☐ Register
- ☐ Patient record, paper or electronic
- ☐ Survey
- ☐ Other: ...............................................

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**Comments:**
The relevant patient group is adults with a diagnosis of osteoarthritis (OA) of the hips, knees or hands.

### HCQI OA 11

If a patient is diagnosed with symptomatic OA then his/her pain level should be reduced by 20% on a patient reported outcome measure within three months after initiation/change of pharmacological/non pharmacological treatment.

This indicator is applicable to our institution  □ yes  □ no  (If not, explain in the comment field)

Data can be delivered for this indicator  □ yes  □ no  (If not, explain in the comment field)

**Numerator:** Number of patients with OA with a documented pain level reduction by 20% within three months after initiation/change of pharmacological/ non pharmacological treatment over the past 12 months.

Answer: x patients

**Denominator:** All patients with OA and initiation/change of pharmacological/ non pharmacological treatment over the past 12 months.

Answer: x patients

**Numerator/Denominator =** Percentage of patients with OA who have documented a pain level reduction by 20% three months after initiation/change of pharmacological treatment.

**Data source(s)**

- □ Register
- □ Patient record, paper or electronic
- □ Survey
- □ Other: ..............................................

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**Comments:**
The relevant patient group is adults with a diagnosis of osteoarthritis (OA) of the hips, knees or hands

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<th>HCQI OA 12</th>
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If an individual of working age is diagnosed with symptomatic OA, then he/she should be enabled to participate in the labor market.

This indicator is applicable to our institution  □ yes □ no  (If not, explain in the comment field)

Data can be delivered for this indicator  □ yes □ no  (If not, explain in the comment field)

**Numerator:** Number of patients with OA in working age and not participating in labour market with a documented action for return to labor market over the past 12 months

Answer: x patients

**Denominator:** All patients with OA of working age and not participating in labour market seen over the past 12 months.

Answer: x patients

**Numerator/Denominator =**
Percentage of patients with OA in working age participating in labour market.

<table>
<thead>
<tr>
<th>Data source(s)</th>
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<tbody>
<tr>
<td>□ Register</td>
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**Comments:**