

Event Checking Chart

Case of low trauma fracture

(synonyms: "atraumatic", "fragility", "minimally traumatic" fractures)

Name of centre

SHCS

Patient ID code

Gender

Year of birth

Date of event (dd/mm/yyyy)

1. According to the definition mentioned below, has a low trauma fracture been confirmed ?

Yes → fill in body site of fracture, date, potential secondary conditions

No → that's all

Definition of low trauma fracture (all 4 conditions must apply):

A fracture that

1. resulted from a fall from standing height or less,

2. at walking speed or less,

3. without additional trauma/impact (i.e. a fracture while riding bicycle, during sports, falling down stairway is NOT low-trauma),

4. at age ≥18

● **Body Site** : e.g. right hip (femoral neck), vertebral column/single site, Vertebral column/multiple sites, right wrist (Distal radius), etc.

● If the **date** of the fracture is unknown, indicate the date when fracture was detected by imaging (X ray, MRI or CT)

dd/mm/yyyy

2. **Secondary conditions** present **prior to the fracture event**, potentially contributing to osteoporosis + low trauma fractures

| | yes | no | unknown | |
|---|-----|----|---------|---|
| Malignancy | | | | |
| - with known bony metastases | | | | |
| Antiepileptic treatment | | | | |
| Chronic corticosteroid treatment (if YES → state indication below) | | | | Definition: continuous treatment with ≥5 mg of prednisone per day for ≥90 days |
| Hyperthyroidism | | | | |
| Male hypogonadism | | | | Def.: Low morning total testosterone levels on ≥ 2 occasions (cutoffs: patient <65y: <10 nmol/L; patient >65y: <7 nmol/L) plus compatible clinical findings (e.g. reduced sexual desire, decreased spontaneous erections) not explained by other chronic illness |
| Hyperparathyroidism | | | | |
| Rheumatoid arthritis | | | | |
| Polymyalgia rheumatica | | | | |
| Inflammatory bowel disease | | | | |
| Malabsorption syndrome e.g. chronic pancreatitis | | | | |
| Chronic pulmonary disease | | | | |
| Organ transplantation | | | | |
| Gait instability increased fall tendency | | | | |
| Proton Pump Inhibitor use | | | | Def.: cumulative use ≥2 years prior to fracture date |
| Vitamin D deficiency | | | | Def.: Serum 25-OH Vit D <25 nmol/L on ≥1 occasion or <10 µg/L |
| Vitamin D insufficiency | | | | Def.: Serum 25-OH Vit D 25-49 nmol/L on ≥1 occasion or 10-20 µg/L |

IF YES to any “secondary condition”, PROVIDE DETAILS BELOW

All available information regarding this event has been collected

Reported by

Stamp

Signature

Date

Please send this form to the SHCS Data Centre