**Supplementary Figure 1.** Algorithm of case management

**Inclusion criteria:**

1. Work in an intervention cluster
2. Have a functionally limiting MSD

**CASE MANAGEMENT**

Case manager (specifically trained)

Other causes

*Telephone contact*

**MODERATE/HIGH RISK**

**LOW RISK**

*Telephone contact*

Managers

Nursing staff

*Telephone contact*

*CM contacts with the different professionals*

**Active worker**

**RISK PROFILE**

**Case manager**

Excluded

* Red flagsa
* No consent

**MSD**

**Occupational health service**

**(Secretary, nursing)**

**Sickness absence**

**MOTIVATIONAL FOLLOW-UP**

**Case manager**

*Evaluation and derivation*

**CLINICAL SESSIONb**

*Telephone contact: interview and* ***questionnaires***

**EDUCATION IN HEALTH BELIEFS**

**OCCUPATIONAL HEALTH SERVICE PHYSICIAN**

**REHABILITATION SERVICE**

**COGNITIVE BEHAVORIAL THERAPY**

a Red Flags: Presence of warning signs (severe trauma or minor trauma in patients with osteoporosis, constitutional symptoms: fever, weight loss, malaise), pregnancy or puerperium, morbid obesity (BMI ≥ 40), recent surgery (< 3 months), neurodegenerative disease, decompensated psychiatric pathology, decompensated cardiac or respiratory pathology, and osteoporosis with symptomatic vertebral fractures.

b It will be derived to the different services based on identified needs.