

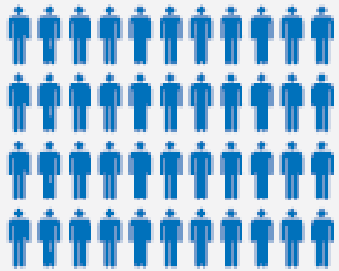
Chronic Musculoskeletal Pain and Work Productivity in Europe

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Key Issues

- A diagnosis of a chronic illness should be no impediment to leading a **healthy and fulfilling** working life
- Well-timed workplace & healthcare **investments** among working age people deliver sustainable **returns** in terms of **productivity gains** and social inclusion

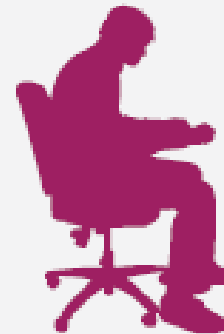
MSDs in the EU Workforce



ACROSS THE EU **44M WORKERS**
HAVE MSDs WHICH ARE
CAUSED BY THEIR WORK



COST TO THE EU EACH YEAR IN
LOST PRODUCTIVITY AND
SICKNESS ABSENCE (**2% OF GDP**)



THESE CONDITIONS ACCOUNT
FOR **HALF OF ALL ABSENCES**
FROM WORK ...



... AND FOR **60% OF**
PERMANENT WORK
INCAPACITY ³

*'attributed
to work'...*

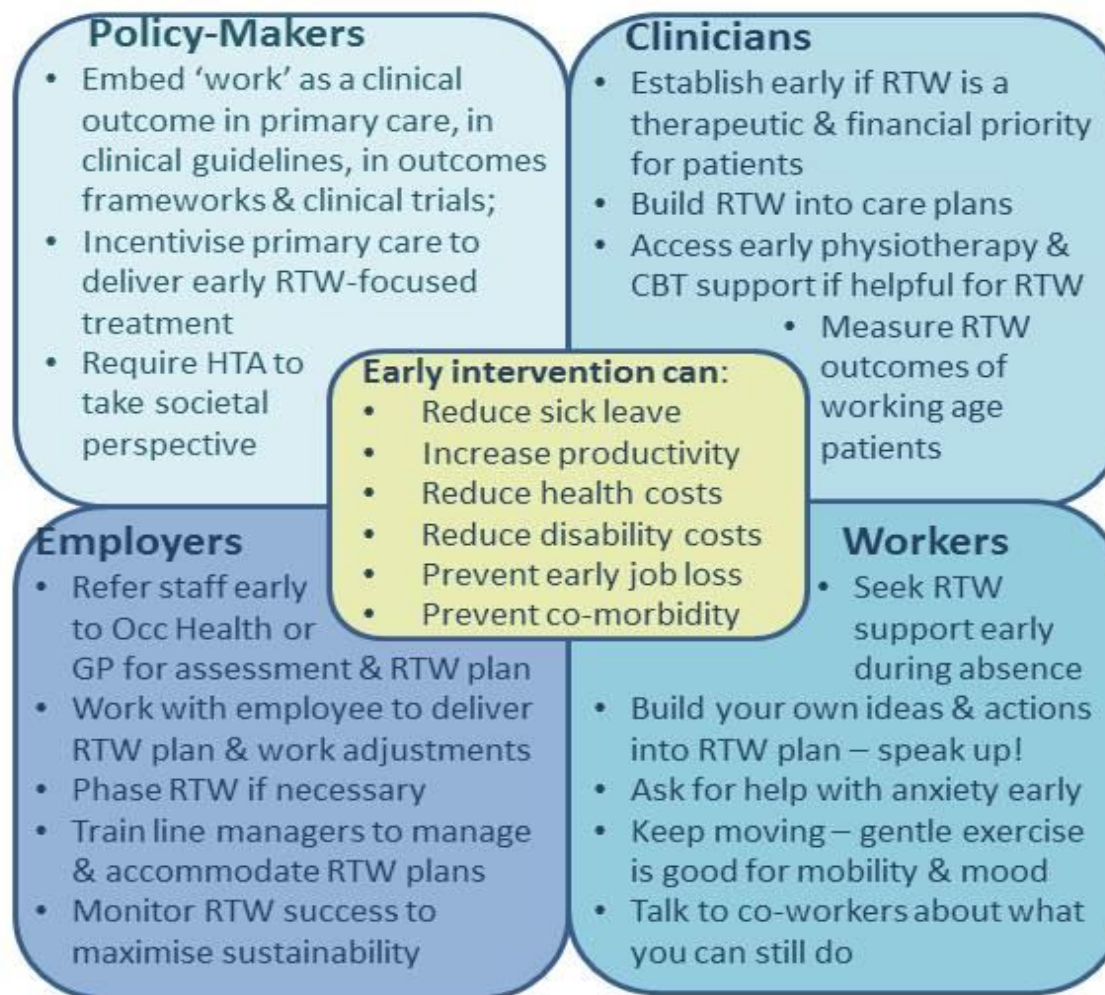
How Early is Early?

| Lag Time to First Visit | HR (95% CI) |
|--------------------------|------------------|
| 0-2 days (ref. category) | 1 |
| 2-5 days | 0.92 (0.83-1.03) |
| 5-7 days | 0.78 (0.70-0.88) |
| 7-10 days | 0.68 (0.61-0.77) |
| 10-14 days | 0.54 (0.46-0.63) |
| 14-21 days | 0.41 (0.34-0.51) |
| 21-28 days | 0.24 (0.16-0.34) |
| >28 | 0.25 (0.18-0.35) |

| Socio-Demographic Variables | HR (95% CI) |
|-----------------------------|------------------|
| Age (per year) | 0.99 (0.98-0.99) |
| Being woman | 0.77 (0.71-0.82) |
| Self-employed | 0.63 (0.54-0.73) |
| Unemployed | 0.41 (0.28-0.58) |

| Diagnostic categories | HR (95% CI) |
|---|------------------|
| Neck pain | 1.31 (1.19-1.45) |
| Back pain | 1.20 (1.12-1.29) |
| Sciatica | 0.63 (0.58-0.69) |
| Knee pain (not osteoarthritis) | 1.01 (0.70-1.2) |
| Peripheral osteoarthritis | 0.82 (0.65-1.03) |
| Muscle pain | 0.89 (0.72-1.10) |
| Tendonitis | 1.03 (0.95-1.12) |
| Inflammatory diseases | 0.79 (0.60-1.03) |
| Microcrystalline and undifferentiated arthritis | 1.68 (1.46-1.93) |
| Carpal tunnel syndrome | 0.94 (0.66-1.34) |
| Others | 0.42 (0.25-0.71) |

Actions for Stakeholders



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