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## The evaluation of primary osteoporosis patients' function and environmental status on the basis of ICF

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**Objective:** To identify primary osteoporosis patients' function and environmental status and provide evidence to clinical treatment, rehabilitation therapy and rehabilitation nursing.

**Methods:** Based on cross-sectional survey, applying brief ICF core set of osteoporosis, using method of convenient sampling to select patients with primary osteoporosis met inclusion and exclusion criteria to conduct our survey.

**Result:** Totally 240 primary osteoporosis or low bone mass patients were survived. All of the patients' function showed limitation but different level. Meanwhile, including carrying out daily routine (D230), Walking (D450), Moving around (D455), Sensation of pain (B280), Structure of trunk (S760), Lifting and carrying objects (D430), Mobility of joint function (B710), Remunerative employment (D850), the proportion of injuries were more than 90%, most of which the limitation level were light and moderate injuries indicating 5-49% injuries; more than 50% pointed the three parts of environmental factors were facilitative factors including products or substances for personal consumption (E110), health professionals (E355), health services, systems and policies (E580), of which the proportion of health services, systems and policies (E580) were highest.

**Conclusion:** Osteoporosis has significant effect on patients' function, we should develop clinic treatment, rehabilitation therapy, rehabilitation nursing based on the current evaluation of function.

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