**Supplementary Table** Reasons for not receiving anti-osteoporotic medication

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| **Domain** | **Description** |
| No recommendation from surgeon and primary care physician | There is no mention of the role of anti-osteoporosis agents by the patient’s orthopedic surgeon, primary physician, or other healthcare providers |
| Surgeon or primary care physician discontinued the treatment without any stated reason |
| Financial constraints | Unable to afford the cost of anti-osteoporosis medication regardless of patient’s healthcare reimbursement coverage |
| Drug-related problems | Experienced medication side effects |
| Patient perception against anti-osteoporosis medication | Patient’s beliefs or perception against osteoporosis treatment |
| Fear of medication side effects |
| Other reasons | For example, difficulties continuing to receive the medication, inappropriate medical condition, or other medical conditions that are of greater concern |