

**Homework 1**

**Drug Information and Literature Evaluation/PHAR4211**

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**How to Management a Paget’s Disease ?**  
  
First of all, Paget’s Disease affect bone, by cause abnormal recycling process of bone, especially in pelvis, skull, spine, and legs, and the bones become fragile and deformities.

Fact : There is Paget’s Disease that affect the breast and its rare type of cancer.

For the treatment, there is no 100% cure of the disease, but there are some medication the relieve and prevent complications, the type of medication like :-

1. Bisphosphonates (Osteoporosis drugs): This type has two dosage forms Oral and Injection, Like, Risedronate, Alendronate, and Zoledronic acid, Side effect: Irritate in GI tract, Flu like symptoms(For 2 days) this side effect especially in Zoledronic acid and Pamidronate.  
     
   Fact: Patient should maintain adequate levels of Vitamin D and Calcium.  
     
   Note: If Bisphosphonates didn’t tolerated, then we use Calcitonin that is naturally hormone that help calcium regulation and bone metabolism, dosage forms are Injection and nasal spray, Side effect: Nausea, Facial flushing, Irritation at Injection site.
2. NSAIDs: Like, Ibuprofen, Naproxen, and Aspirin

For non-medical used:-  
  
1- Assistive devices: Cane, Brace

1. Exercises
2. Diet

**References :-**

1. <https://www.cancer.gov/types/breast/paget-breast-fact-sheet>
2. <https://www.mayoclinic.org/diseases-conditions/pagets-disease-of-bone/diagnosis-treatment/drc-20350816>