

ACTIVE LEARNING TEMPLATE: *Medication*

STUDENT NAME _____

MEDICATION Dornase alfa

REVIEW MODULE CHAPTER _____

CATEGORY CLASS _____

PURPOSE OF MEDICATION

Expected Pharmacological Action

Dornase alfa hydrolyzes the DNA in sputum of CF patients and reduces sputum viscoelasticity

Therapeutic Use

Used to help lung function during cystic fibrosis

Complications

Chest pains
Increased difficult in breathing

Medication Administration

2.5 mg single-use ampule
inhaled once daily using a
recommended jet nebulizer

Contraindications/Precautions

contraindicated to patients with hypersensitivity to dornase alfa, Chinese Hamster Ovary cell products, or any component of the product

Urticaria and skin rash observed

Nursing Interventions

Check for infective airway
clearance
Risk for infection
Any deficiency in knowledge
among patients

Interactions

Afrezza (Insulin Inhalation)

Exuberra (Insulin Inhalation)

Client Education

Instruct patient to take drug as
indicated
instruct patient of procedure of
administration

Evaluation of Medication Effectiveness

Effectiveness is high when recommended jet nebulizer is
used