[illegible] – Case of Focus 1 – Clinical Medication Worksheet

(Can be used to make additional copies of these forms)

Generic Name amlodipine	Trade Name Norvasc	Classification Antihypertensive, calcium channel blocker	Dose 2.5 mg	Route PO	Frequency Q 24hr

Mechanism Not [illegible]	Onset Unknown	Duration 24 hrs	Therapeutic range Plasma therapeutic is 2.5 mg/dl, increase or requires [illegible] to 10 mg/dl [illegible]

Why is your patient getting this medication Hypertension	Use for lab, comparability with for expectation outcome N/A
Mechanism of action and indications (Why and how) Inhibits the transport of calcium into myocytes and vascular smooth muscle cells, resulting in inhibition of excitation-contraction coupling and subsequent contraction. Systemic vasodilation resulting in decreased blood pressure. Coronary vasodilation resulting in decreased frequency and severity of episodes of angina.	**Nursing Implications (Like in focus one)** Assess patient's [illegible] Hypertension: Blood pressure < 140/90 mm Hg. Can cautiously be higher [illegible] Improvement should occur within one hour, [illegible] patient should experience increased [illegible] of hypertension within [illegible] days of [illegible] Assess edema Assess for peripheral edema
Interactions with other patient drugs, OTC or herbal medicines (with patient specifics) Additive hypotensive effect occur when used concurrently with other antihypertensive drugs. Cimetidine and [illegible]	Lab value alterations caused by medicine Total serum calcium concentration and not affected by calcium channel blockers
	Do not to miss the patient the following three life threatening Do not double dose. Also need to be discontinued gradually. Assess patient [illegible] for monitoring pulse. Assess patient or [illegible] health care professional of heart rate < 60 bpm. Caution patient to change positions slowly to minimize orthostatic hypotension. May cause dizziness or dizziness. Advise patient to avoid driving or other activities requiring alertness until response to the medication is known. Assess patient or [illegible] of [illegible] blood [illegible] and pulse frequently for [illegible] during or [illegible] medications. Identify and [illegible] [illegible] [illegible]. Advise patient to notify health care professional if [illegible] headache, dizziness, swelling of hands and feet, [illegible] [illegible], [illegible] [illegible] or [illegible] to [illegible] or [illegible]. Advise patient take blood pressure weekly and report [illegible] changes to health care professional.

Nursing Process Assessment (Pre administration assessment) Monitor blood pressure and pulse before therapy, during dose increase, and periodically during therapy. Monitor [illegible] particularly during prolonged therapy. Monitor intake and output ratios and daily weight. Assess for signs of CHF, peripheral edema, [illegible], dyspnea, weight gain, [illegible] [illegible].	**Evaluation** Why would you **hold or not give** the med? Blood pressure < 140/90 mm Hg or heart rate < 60 bpm.	**Collaboration** Check **after** giving Decrease in blood pressure