

## Lab Framework

**Text: Lippencotts Medical Assisting**

**Unit number and title: Unit 3 Measuring in English and Metric**

**Short Description:** To show students real-life applications for weight or measuring of patients and show the importance of accurate measuring

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### Lab Title

## Weight Management Evaluation

### LAB PLAN

**TEACHER:** Teacher Prep/ Lesson Plan

- **Lab Objective**

Have students accurately weigh and assess a patient's weight gain/loss for future treatment planning.

- **Statement of pre-requisite skills needed** (i.e., vocabulary, measurement techniques, formulas, etc.)

Clinical vitals lab completion

- **Vocabulary**

- **Materials List**

Weight scale lbs/kg, patient chart, black pen, calculator

- **GLEs (State Standards) addressed**

Understand and apply estimation strategies to obtain reasonable measurements at an appropriate level of precision. W

Reading: **2.1.4 Apply comprehension monitoring strategies for informational and technical materials, complex narratives, and expositions: use prior knowledge.**

Writing: **3.1.1 Analyzes ideas, selects a manageable topic, and elaborates using specific, relevant details and/or examples**

- **Leadership Skills**

Organize & maintain information

- **SCAN Skills/Workplace Skills**

Acquires & uses information

- **Set-up information**

Have paper towels ready for scale, patient chart forms, students need to bring calculators

- **Lab organization** (-Grouping/leadership opportunities/cooperative learning expectations; -**Timeline required**)

This lab will need the students to be in pairs to practice the weighing portion then in individual areas to do the worksheet to turn in

- **Teacher Assessment of student learning** (scoring guide, rubric)

Students will complete the weighing practice accurately and be checked of by the instructor and then complete the worksheet about a 6-month weight assessment for gain or loss to determine future treatment

- **Summary of learning** (to be finished after student completes lab)
  - students will improve their patients' relation skills through weighing practice and will use math skills to compile data on weight loss/gain to be use to plan for future nutrition/medication treatment planning
  - students will accurately complete the worksheet to assess a patientd weight gain/loss

- **Optional activities**

- **Career Applications**  
Nursing, allied health fields, Pharmacy tech

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## **LAB TITLE: Weight Management Evaluation**

**STUDENT INSTRUCTIONS:** Students will weigh a partner using both pounds and kilograms using appropriate patient questioning and procedures as demonstrated in our vitals lab. Student will chart the information accurately in the patient's chart. The student will show their patient's chart to instructor and if it is approved they will be given the weighing data from a 6-month weighing alert to analyze for weight gained/lost. This information will be used to determine future treatment for this patient

- **Statement of problem addressed by lab**

This lab will address a weight-loss suffered by a 76-year-old, frail female patient. The assessment of the 6-month weight record will be used to determine future treatment for the patient

- **Grouping instructions and roles**

Students will work in pairs to weigh each other to practice this clinical skill, they will then bring their charting to the instructor for it to be checked off. They will then work on an individual basis to complete their assessment on the 6-month weight assessment to determine weight loss/gain. This would be used for future treatment determination.

- **Procedures – steps to follow/instructions**

Take partner to the scales, using correct patient techniques, weight the patient using both pounds and kilograms. Accurately chart this information in the patient's chart. Bring the chart to the instructor for check off. Is the charting is correct you will be given a weight analysis work sheet to determine weight loss/gain of a patient. You will do this assessment on your own and turn it in to your instructor. You must have an accurate answer or you will repeat the assessment at a different time.

- **Outcome instructions**

Student will weigh their partner and chart the information accurately.  
Student will also accurately complete a 6-month weight analysis to determine a patient's weight loss/gain to be used to determine future treatment planning.

- **Assessment instructions (peer-teacher)**

Students will perform clinical weighing skills as addressed in the vitals lab. They must also accurately chart this information

The students will complete the weight analysis assessment to determine the weight lost/gained on a 6-month chart alert. This must be correct to be accepted as a check off. This information is critical for future treatment planning for the patient

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## Lab Data Collection

Student: \_\_\_\_\_ Date: \_\_\_\_\_

Unit: Unit 3 Measuring in English and Metric

Lab Title: Weight Management Evaluation

**Criteria: Write the problem/objective in statement form**

The students will weigh a partner according to the vital lab directions. The student will accurately chart this information and give it to the instructor for a checkoff. The students will be given the weight management assessment to determine the weight lost/gained by the patient. This information will be used to determine future treatment planning.

**Data Collection: Record the collected/given data**

Students will collect weight data and record it in the patient's chart. The students will assess the data in a 6-month weigh in and assess that information for weight lost/gained. This information will be turned in to the instructor for assessment.

**Calculations: Complete the given calculations to solve for an answer(s)**

$$A + B + C + D + E + F = \text{Total Weight}$$

$$\text{Total Weight} / \text{Number of Weights} = \text{Average Weight}$$

Compare Weight from Dec 06 to Average to see whether there was a loss or gain.

**Summary Statement:**

The students will practice weighing partners and charting the information. They will then complete the worksheet assessment and turn in to instructor.

**Other Assessment(s)**

Accurate charting

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