

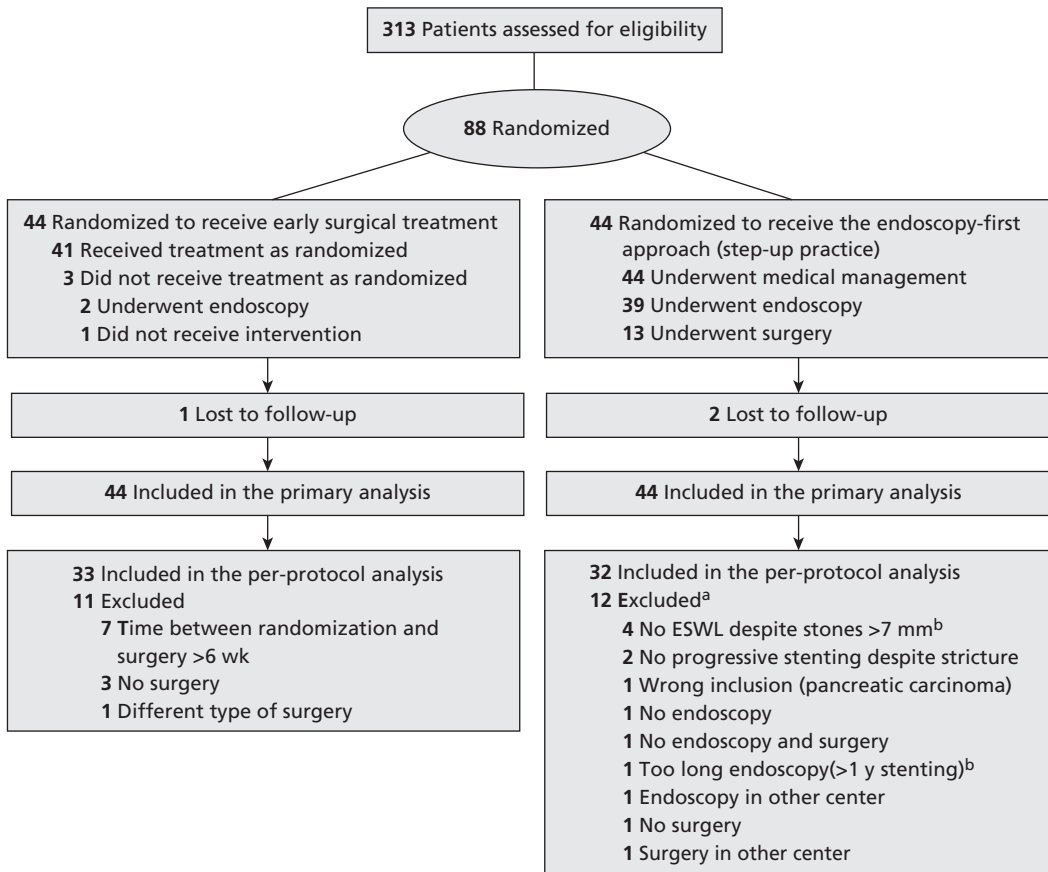
## Figure Elements Quiz

by Laura King, MA, MFA, ELS

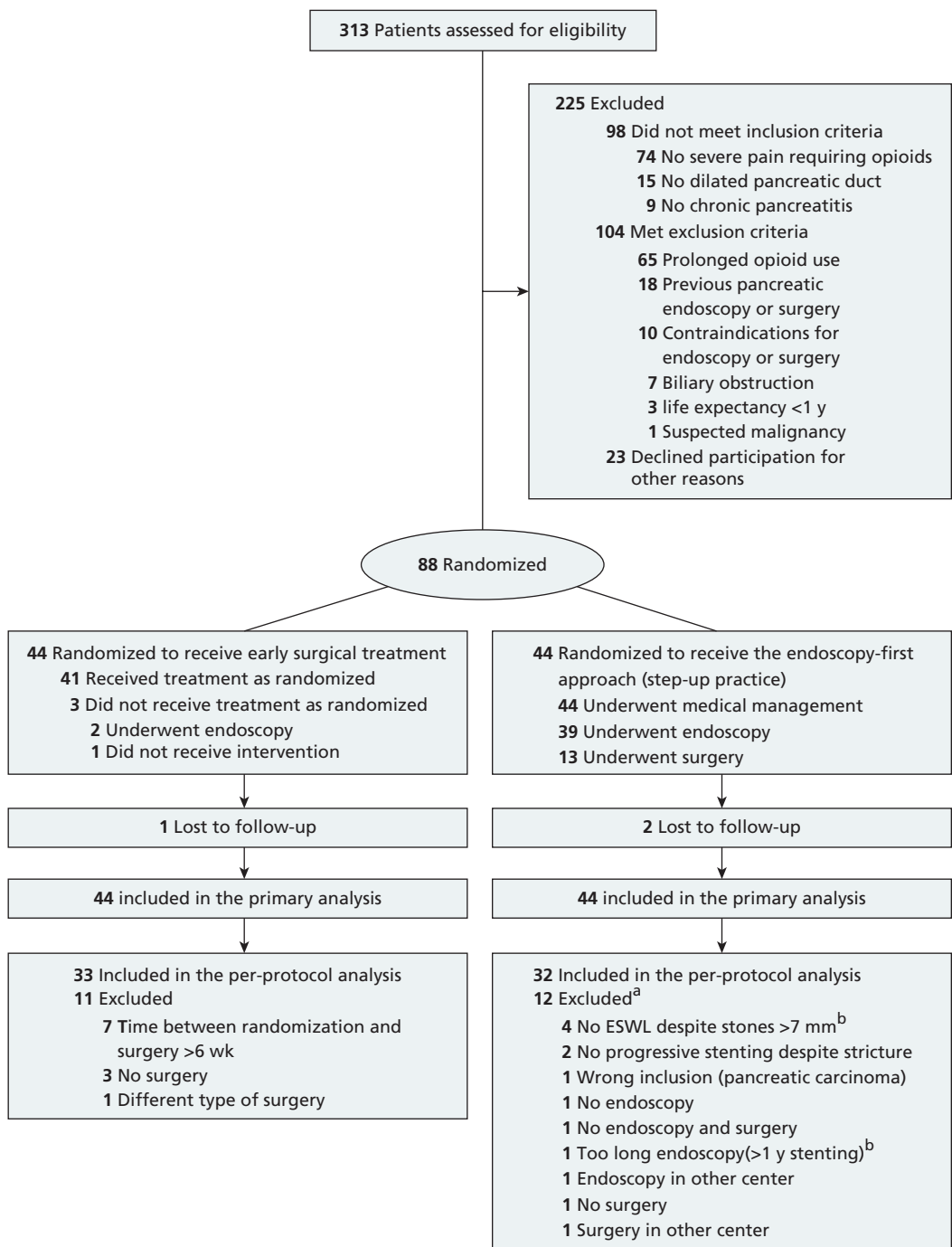
### ANSWER KEY

**Directions:** Identify what is required to complete the following figures.

1.

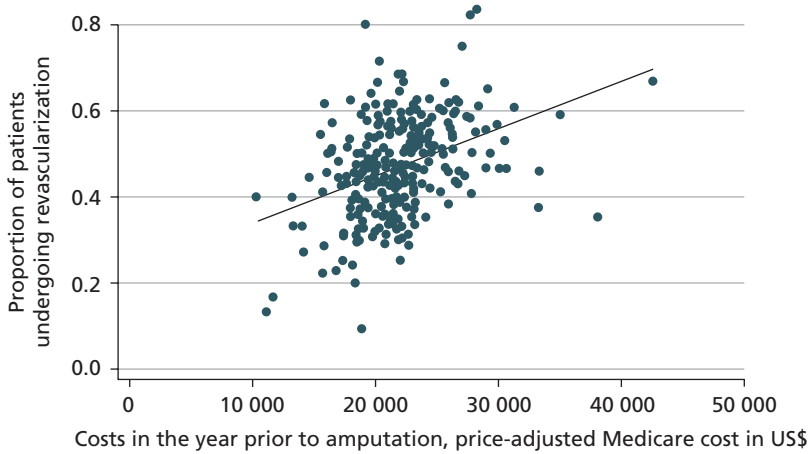


**ANSWER:**

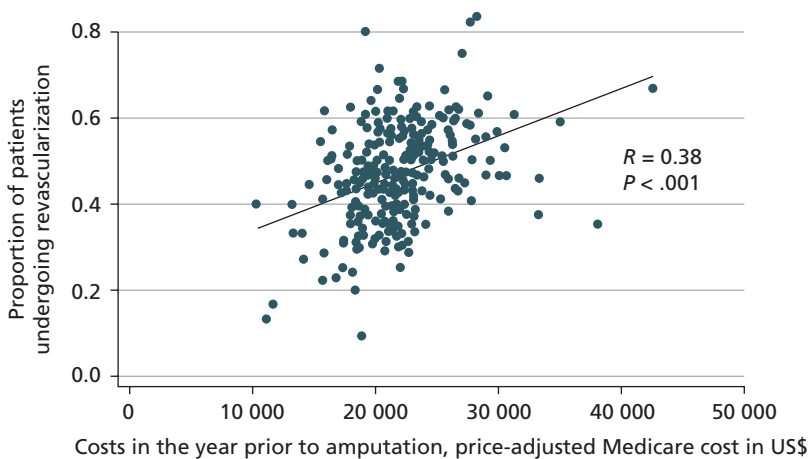


Editor’s Note: CONSORT flowcharts should include the number of patients excluded from the study and the reasons for exclusion (§4.2.2.1, Flowcharts).

2.



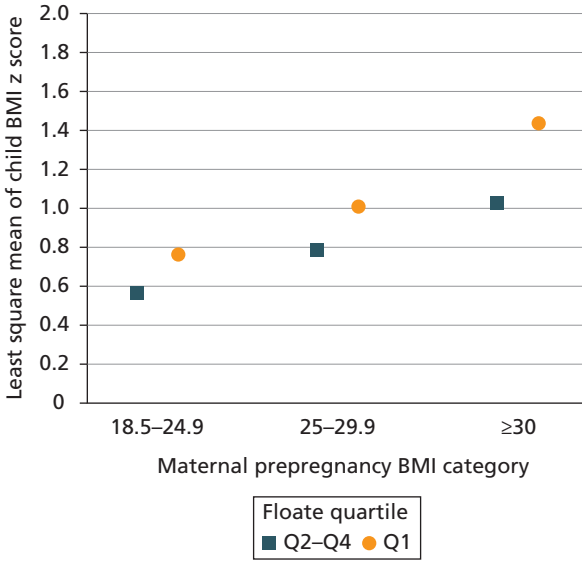
**ANSWER:**



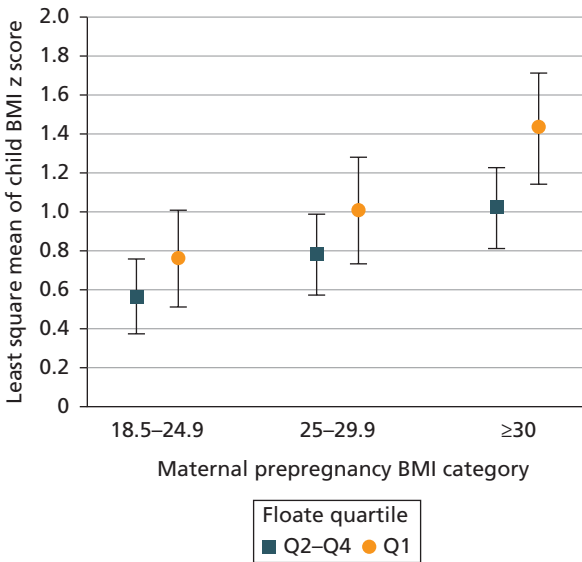
The population included 18 463 US Medicare patients.

**Editor’s Note:** In scatterplots, the statistical method used to generate the curve and the statistic that summarizes the relationship or association between the dependent and independent variables, such as a correlation or regression coefficient, should be provided in the figure or legend along with the sample size, the *P* value for the slope of the line, and some indication of how the *P* value was derived (§4.2.1.3, Scatterplots).

3.

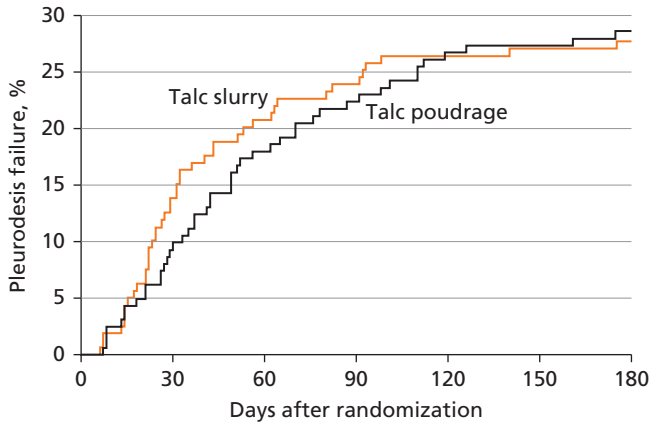


**ANSWER:**

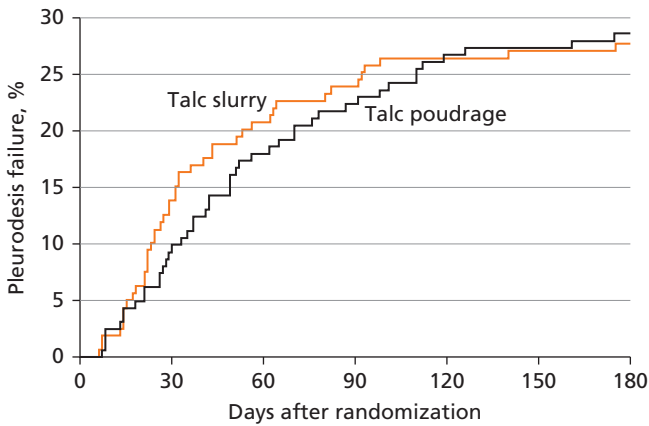


**Editor’s Note:** Point estimates are represented by discrete data markers, preferably with error bars (in both directions) to designate variability (§4.2.1.7, Dot [Point] Graphs).

4.



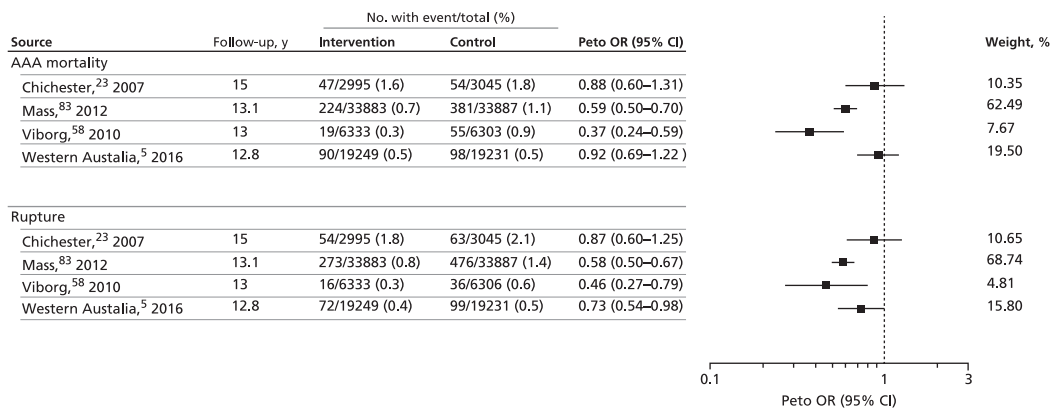
**ANSWER:**



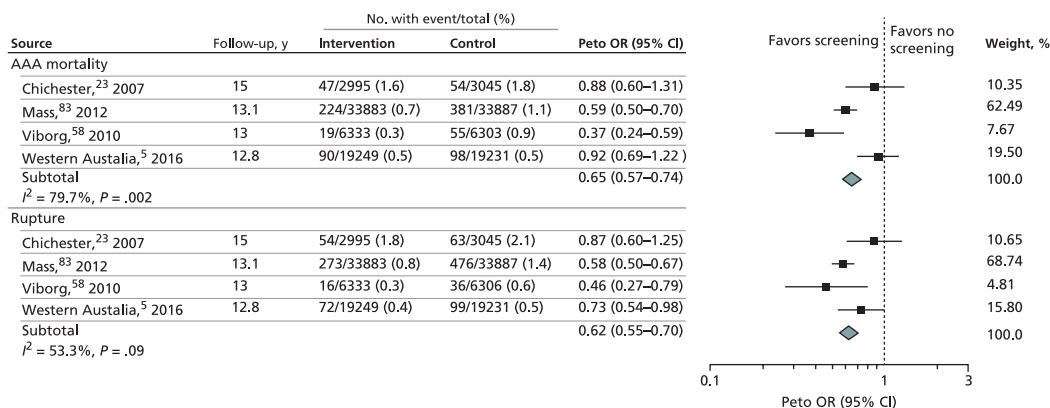
No. at risk							
Talc slurry	159	137	126	121	117	116	115
Talc poudrage	161	146	132	125	118	117	115

**Editor’s Note:** In survival plots, the number of individuals included in the analysis at each interval (number at risk) should be shown underneath the x-axis (§4.2.1.2, Survival Plots).

5.

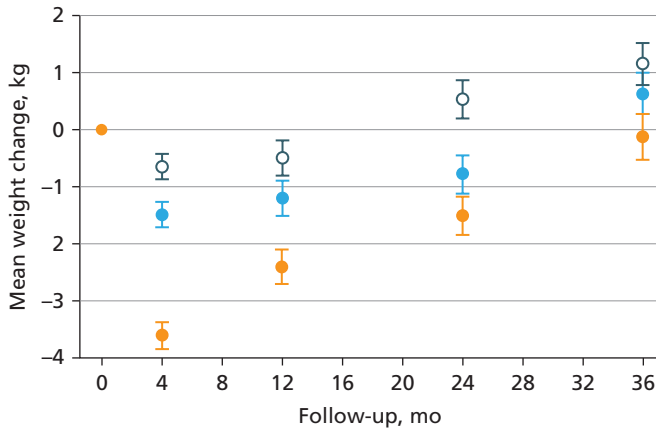


**ANSWER:**

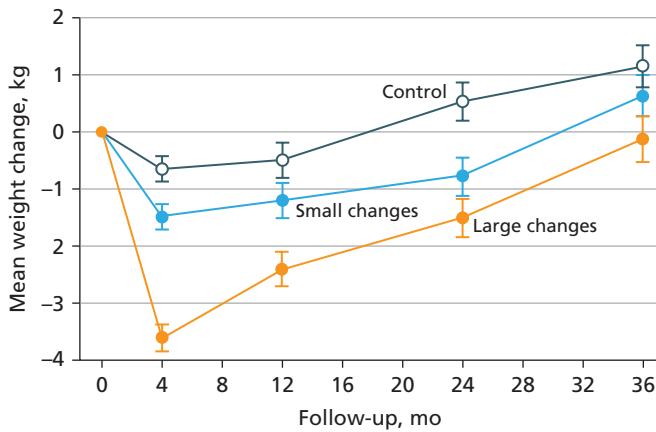


**Editor’s Note:** In forest plots, a diamond should be used to show the overall effect at the bottom of the plot. It is also important to include headers at the top of the plot to the left and right of the effect size or point estimate line to indicate which variables, interventions, exposures, or outcomes are favored. The overall  $I^2$  and  $P$  values (and any other markers of heterogeneity) are provided in the figure. (§4.2.1.11, Forest Plots).

6.

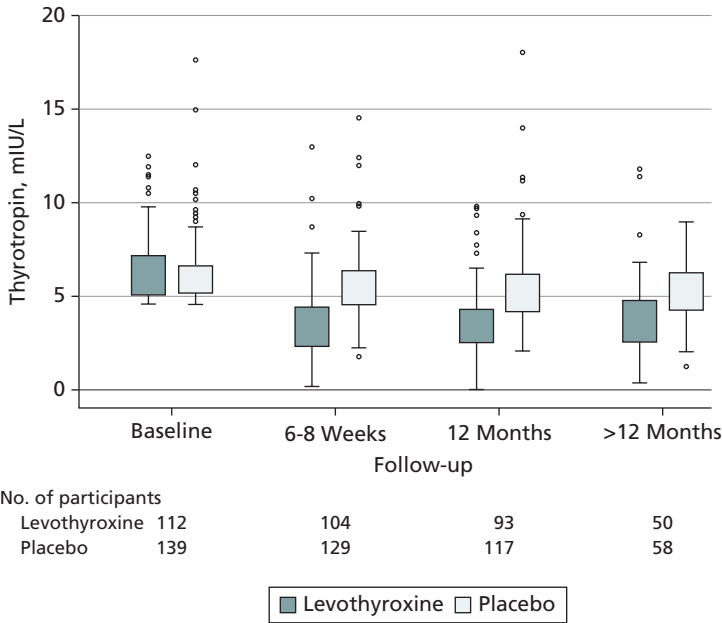


**ANSWER:**

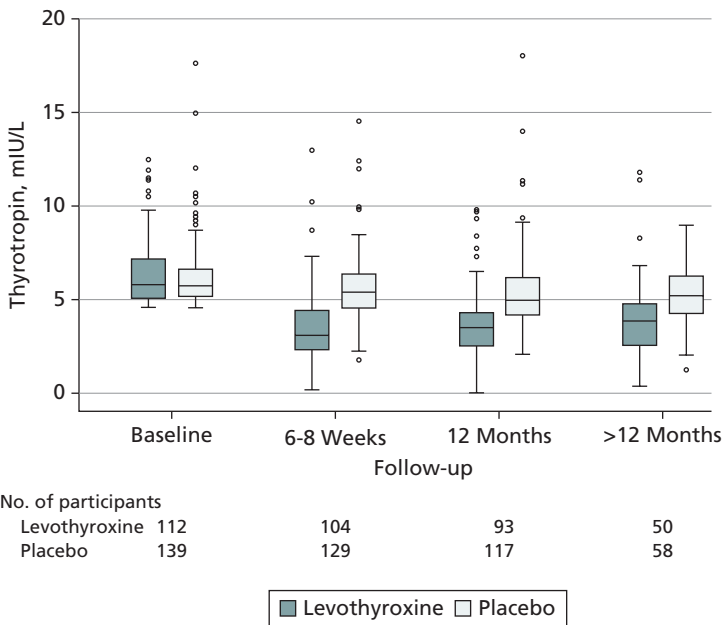


**Editor's Note:** Line graphs have 2 or 3 axes with continuous scales on which data points are connected by curves showing the association or relationship between 2 or more variables, such as changes over time (§4.2.1.1, Line Graphs). There should either be a key or direct labeling of lines to describe the data.

7.



**ANSWER:**



**Editor’s Note:** In box and whisker plots (also known as box plots), a horizontal line inside the box is used to indicate the median or mean (§4.2.1.8, Box and Whisker Plots).