

Short Graph Literacy (SGL) scale

Published in *Medical Decision Making* (2019)

Using the Short Graph Literacy Scale to Predict Precursors
of Health Behavior Change

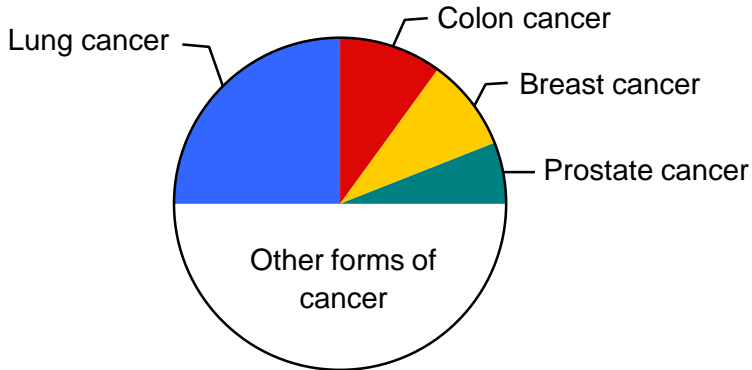
Yasmina Okan, Eva Janssen, Mirta Galesic, Erika A. Waters

Original wording

Studies 1 and 2 in Okan et al. (2019), Aim 1

Here is some information about different forms of cancer:

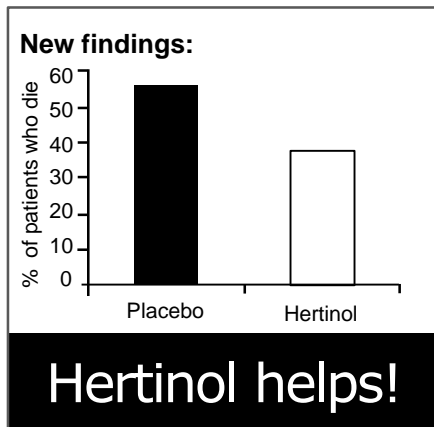
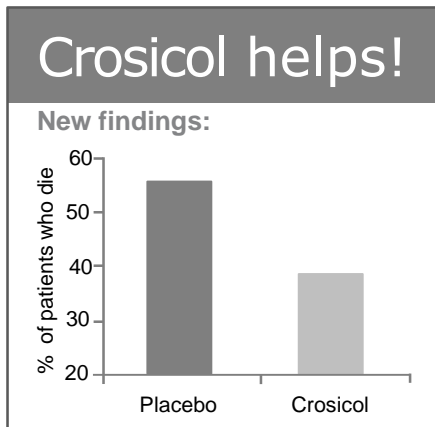
Percentage of people that die from different forms of cancer



Approximately what percentage of people who die from cancer die from colon cancer, breast cancer, and prostate cancer taken together? ____ %

Correct answer: 25% (24% and 26% accepted)

In a magazine you see two advertisements, one on page 5 and another on page 12. Each is for a different drug for treating heart disease, and each includes a graph showing the effectiveness of the drug compared to a placebo (sugar pill).

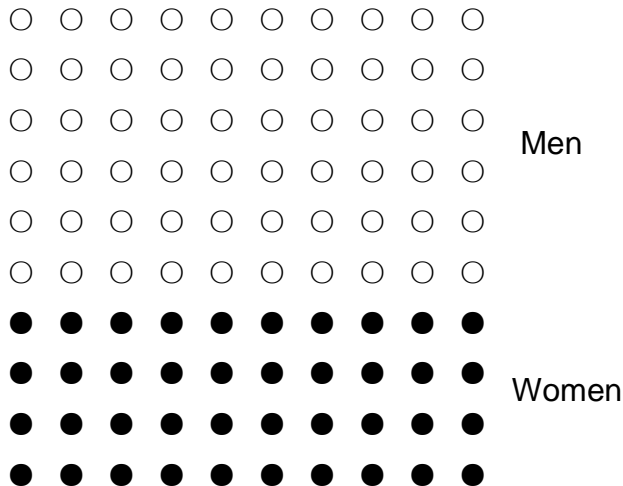


Compared to the placebo, which treatment leads to a larger decrease in the percentage of patients who die?

Crosicol – Hertinol - They are equal - Can't say

Correct answer: They are equal

The following figure shows the number of men and women among patients with disease X. The total number of circles is 100.

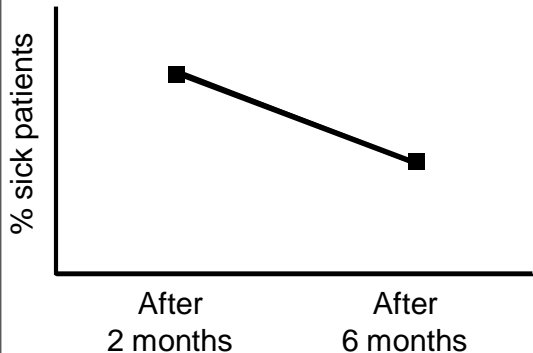


How many more men than women are there among 100 patients with disease X? ____ Men

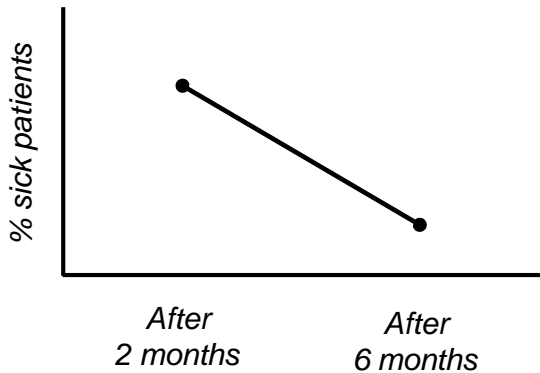
Correct answer: 20

In the newspaper you see two advertisements, one on page 15 and another on page 17. Each is for a different treatment of psoriasis, and each includes a graph showing the effectiveness of the treatment over time.

Apsoriatin



NOPSORIAN



Which of the treatments contributes to a larger decrease in the percentage of sick patients?

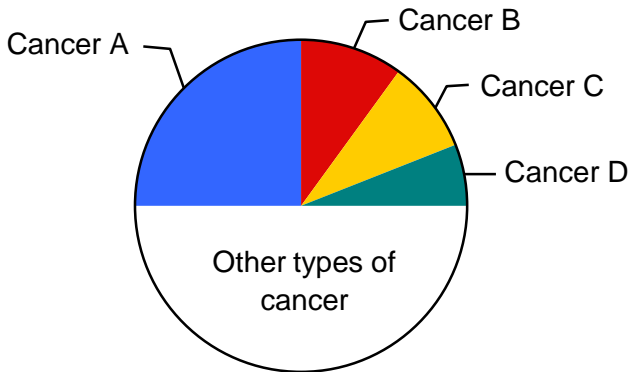
Apsoriatin – Nopsorian - They are equal - Can't say

Correct answer: Can't say

Simplified wording

Study 3 in Okan et al. (2019), Aim 2

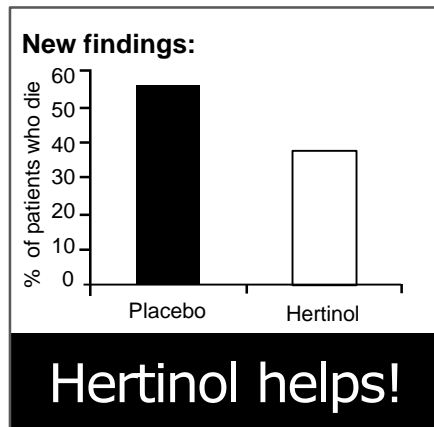
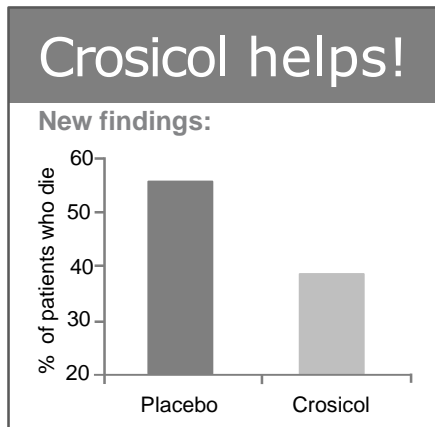
The graph below shows the percentage of people who die from different types of cancer.



About what percentage of people who die from cancer die from cancer B, cancer C, and cancer D combined?
____ %

Correct answer: 25% (24% and 26% accepted)

You see two magazine advertisements on separate pages. Each advertisement is for a different drug for treating heart disease. Each advertisement has a graph showing the effectiveness of the drug compared to a placebo (sugar pill).

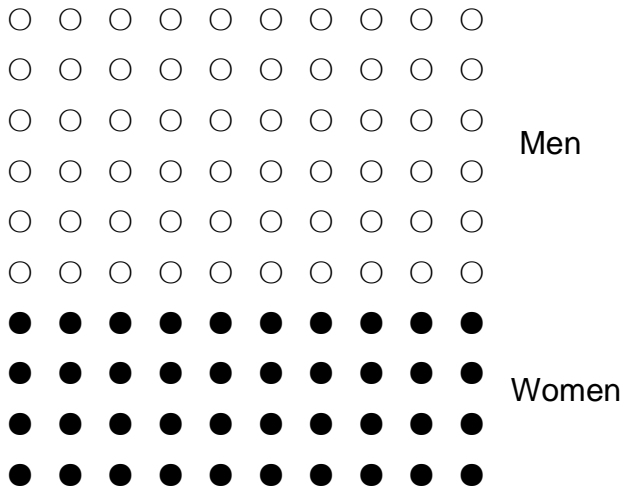


Compared to the placebo, which treatment leads to a larger decrease in the percentage of patients who die?

Crosicol – Hertinol - They are equal - Can't say

Correct answer: They are equal

The graph below shows the number of men and women with disease X. The total number of circles is 100.

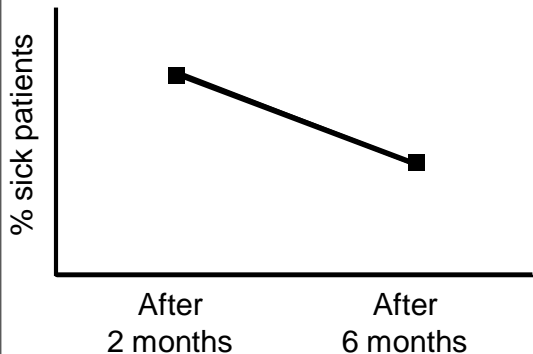


How many more men than women are there among 100 patients with disease X? ____ Men

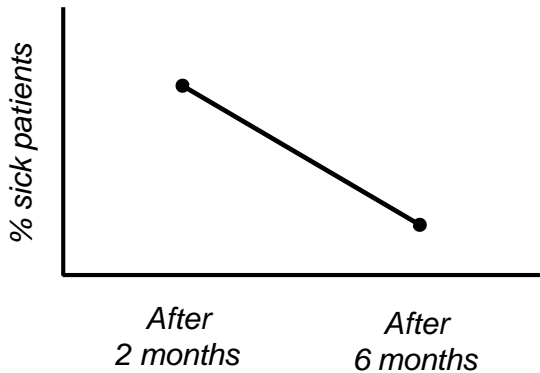
Correct answer: 20

You see two newspaper advertisements on separate pages. Each advertisement is for a different treatment of a skin disease. Each advertisement has a graph showing the effectiveness of the treatment over time.

Apsoriatin



NOPSORIAN



Which of the treatments shows a larger decrease in the percentage of sick patients?

Apsoriatin – Nopsorian - They are equal - Can't say

Correct answer: Can't say