

FRAME AND CARLSON CRITERIA FOR EVALUATION OF A SCREENING TEST

1. The disease must have a significant effect on quality or quantity of life.
2. Acceptable methods of treatment must be reliable.
3. The disease must have an asymptomatic period during which detection and treatment significantly reduce morbidity and/or mortality.
4. Treatment in the asymptomatic phase must yield a therapeutic result superior to that obtained by delaying treatment until symptoms appear.
5. Tests must be available at a reasonable cost to detect the condition in the asymptomatic period.
6. The incidence of the condition must be sufficient to justify the cost of screening.

In addition to these criteria, the screening test itself must be validated with attention to sensitivity, specificity, accuracy and precision.

Note: Secondary=Screening