Will splitting a hybrid search into multiple simple searches improve target detection in breast cancer screening?

**Four Tasks**

Click the task-relevant target while pressing target-related key, if the target is present.

1. Single (Calc Only)
2. Single (Mass Only)
3. Simultaneous (Calc & Mass)
4. Sequential (Calc à Mass)

**Glossary**

Hybrid visual search
Search tasks that have observers searching for multiple types of targets in a visual search display (e.g. Masses & Calcs)

Satisfaction of Search
A 2nd target is more likely to remain undetected after detection of the 1st.

**Advantage**
Sequential search can reduce search errors when more than one target is present.

**Disadvantage**
Sequential search is slower than simultaneous search.

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