

Clinical Problem

You heard a news report about possible links between aluminium and Alzheimer's disease.

Your saucepans are aluminium – you are worried!

Formulate an answerable question

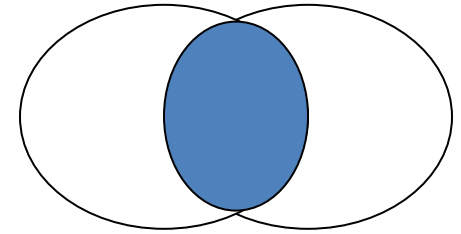
Is there a link between aluminium and alzheimer's disease?

Identify your search terms (keywords)

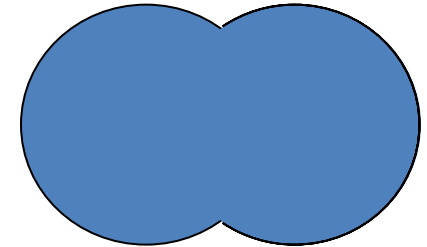
Any ideas?

Boolean Logic

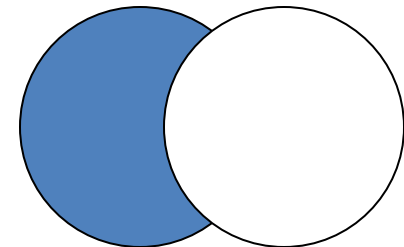
AND Narrows a search
down



OR gives you more



NOT excludes from a search



Is there a link between aluminium and alzheimers disease?

Alternative Keywords and Boolean Operators:

- Aluminium OR metal toxicity
- Alzheimer's OR Senile Dementia

Is there a link between aluminium and Alzheimer's disease?

Complex Search in practice

Search 1: aluminium

Search 2: metal toxicity

Search 3: 1 or 2

Search 4: alzheimer's disease

Search 5: senile dementia

Search 6: 4 or 5

Search 7: 3 and 6

ALUMINIUM GROUP

The diagram consists of two main groups. The first group, labeled 'ALUMINIUM GROUP', is enclosed in a rectangular box and includes Search 1 ('aluminium') and Search 2 ('metal toxicity'). A large right-facing curly bracket groups these two searches. The second group, labeled 'DEMENTIA GROUP', is also enclosed in a rectangular box and includes Search 4 ('alzheimer's disease') and Search 5 ('senile dementia'). A large right-facing curly bracket groups these two searches. Search 3 ('1 or 2') is positioned between the two groups. Search 6 ('4 or 5') is positioned below the 'DEMENTIA GROUP' box. Search 7 ('3 and 6') is positioned at the bottom of the list.

DEMENTIA GROUP