**Microsoft Access database**

All information is on the database

5-year database May 2015 to November 2020

1. Which model?
   1. AI model – try to find the model required such as decision tree or K nearest neighbor
2. Pathology - CSDH
3. What does the data look like?
   1. Excel spreadsheet
   2. Needs data cleaning
   3. 2090 patients
4. Any ideas for SBNS Cardiff?
5. No mortality data
6. Primary endpoint- admission to neurosurgery or not, conservative or surgical management
7. Register an audit proposal

Surgical indicators:

1. Age – small weightage
2. Sex – no weightage
3. Dementia – high weightage
4. QoL: End of life/palliative – high weightage
5. GCS – high weightage
6. Motor deficit – high weightage
7. Speech problems – high weightage
8. Headache – small weightage
9. Size of the subdural – minimal, moderate, large
10. Midline shift
11. Anti-coagulation – minimal to high weightage

AI model to predict:

1. How often do patients need obs?
2. Beds

SBNS Cardiff meeting project:

Predictors of admission to neurosurgery in patients with CSDH AI model

Passcode – subdural

