Imaging diagnosis of Brain tumour at Secondary care centre (i.e. DGH)

- Patient clinically deteriorating:
  - Urgent referral to On call Neurosurgical Registrar at Bristol**
  - Emergency medical management

- Patient clinically stable:
  - Imaging report suggests intrinsic primary Brain tumour – High grade
    - Referral to Neuro-Oncology MDT (www.bnog.co.uk)
      - Please Confirm that patient has had an urgent MRI scan of the brain with contrast and a Diffusion weighted imaging in suspected lymphoma or cerebral abscess
      - If patient is female ensure that a breast examination has been performed
      - Ensure that patient has an up-to-date CT scan of Chest/abdomen/pelvis to look for a primary lesion or to assess current state of primary cancer.
      - Please also refer to NICE guidance for management of Unknown Primary

  - Imaging report suggests Primary Brain tumour – low grade
    - Referral to Skull base MDT (www.bnog.co.uk)

  - Imaging report suspicious for a metastatic brain lesion
    - Radiological appearance consistent with or suspicious for Cerebral lymphoma
      - Referral to Neuro-Oncology MDT. (www.bnog.co.uk)
        - Urgent referral to On call Neurosurgical team** if patient clinically unwell or unstable
      - DO NOT START DEXAMETHASONE OR OTHER STEROIDS

    - Imaging report suggests skull base meningioma / vestibular schwannoma / pituitary adenoma
      - Referral to Skull base MDT (www.bnog.co.uk)

- NO SUSPICION OF CEREBRAL LYMPHOMA ON CLINICAL OR RADIOLOGICAL GROUNDS
  - Start on Dexamethasone 4 – 12 mg per day along with gastric protectants, if there is cerebral oedema on imaging.

- On call Neurosurgical team to perform image guided emergency surgery

- Ensure fresh tissue is taken for genetic studies apart from tissue for biopsy

- Emergency medical management

- Urgent Referral to Neuro-Oncology MDT
  - Inform Oncology Neurosurgeons* about the patient

- Emergency surgery not required

- Urgent Referral to Neuro-Oncology MDT

CLINICAL PROTOCOL FOR MANAGEMENT OF BRAIN TUMOURS – ASWCS

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**On-Call Neurosurgical Team at Bristol: Contact Hospital switchboard on 01179701212 and speak to Neurosurgical Registrar on call (bleep 1748)