Suspected Malignancy of Unknown Origin (MUO)

**Preliminary investigation**

CoE → GPs → Other AOS pathway
A&E → Radiology → AOS and/or MUO/CUP core team

**Malignancy of undefined Primary Origin (MUO)**
*Metastatic malignancy identified on the basis of a limited number of tests, without an obvious primary site before comprehensive investigation*

**MUO / Carcinoma Unknown Primary (CUP) MDT**
Face to face in-patient review by end of next working day
Outpatient review within 2 weeks
Decision regarding further diagnostics based on patient choice, performance status and potential management plan

**Initial Diagnostic Phase**
Comprehensive history and examination, Bloods, CT chest/abdomen/pelvis, Myeloma screen (for isolated or multiple lytic bone lesions), PSA in men, AFP and hCG, Biopsy and standard histological examination, with immunohistochemistry (CK7, CK20, TTF-1 and CDX2)

**MUO/CUP MDM discussion**

**Secondary diagnostic phase**
Further directed investigated if indicated by initial investigations (see guidelines)

**MUO/CUP MDM discussion**
If further investigations negative, diagnose cCUP

- Non-malignant diagnosis – refer to appropriate team
- Management by CUP team
- Palliative Care only
- Site specific cancer team