

Bone and Soft Tissue Sarcomas: Current Analytical Challenges

NCIN Sarcoma Workshop

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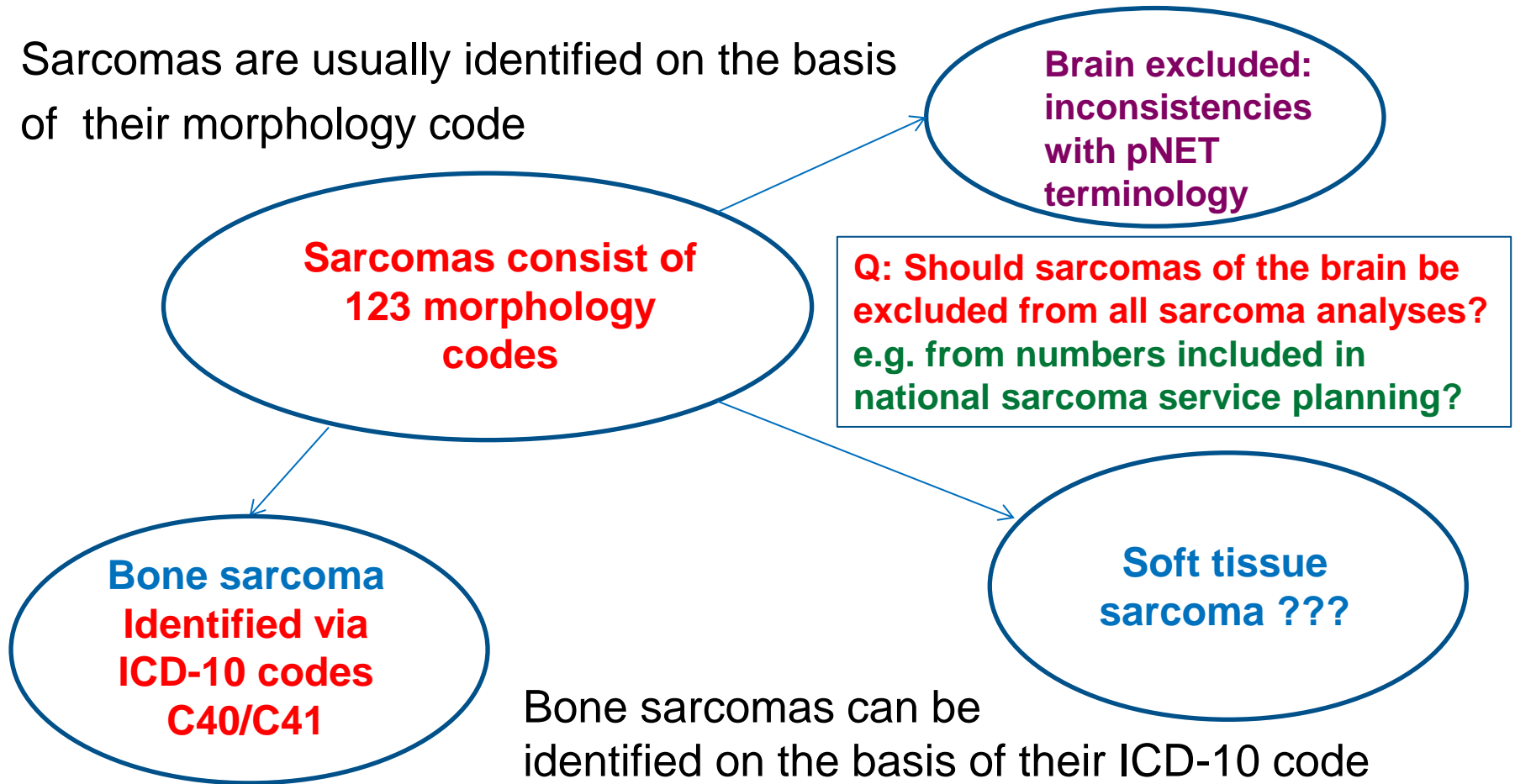
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What is a sarcoma?

Sarcomas are usually identified on the basis of their morphology code



What is a sarcoma?

Skin and some other soft tissue sarcomas can only be identified via their morphology code (not recorded in CWT and HES data)

**Connective
tissue**
Identified from
ICD-10 C49

Kaposi's
Identified from
ICD-10 C46

Skin
Identified from
ICD-10 C44

**Retroperitoneal sarcomas are often miscoded to
the internal organ excised e.g. kidney**

Retroperitoneum
Identified from
ICD-10 C48

**Other Soft
tissue
sarcomas**

e.g. head & neck,
gynaecological
sarcomas

What is a sarcoma?

– the issues

- Some sarcomas can only be identified via their ICD-10 and morphology codes
 - Morphology codes only recorded in cancer registration data
 - Cancer Waiting Times/HES data only contain ICD-10 codes
 - Limits the types of analyses that can be performed
- There are coding issues for some sarcomas
 - Retroperitoneal sarcomas coded to the internal organs involved
 - Leiomyosarcoma coded as skin (not connective and soft tissue)
 - Cannot be identified for inclusion in analyses without knowing morphology code
- By which NCIN SSCRG(s) should analyses be carried out – sarcoma, site specific , children/TYA?

What is a sarcoma centre? - the issues

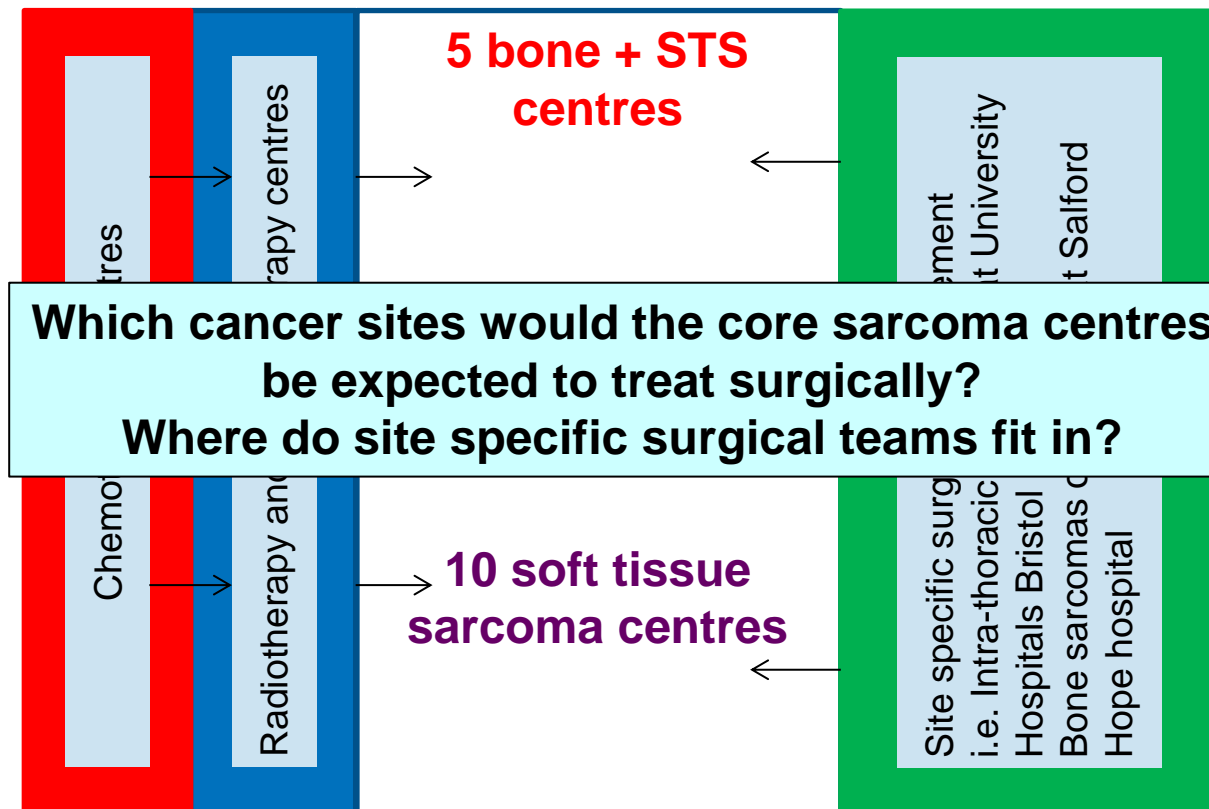
- In analyses, the 15 peer reviewed Trusts hosting bone/soft tissue sarcoma multi-disciplinary teams are generally used

Bone & soft tissue	Soft tissue only
Newcastle Teaching Hospitals NHS Foundation Trust	Hull and East Yorkshire Hospitals NHS Trust
Central Manchester and Manchester Children's (Oswestry)	Sheffield Teaching Hospitals NHS Foundation Trust
Royal Orthopaedic Hospital NHS Foundation Trust	Leeds Teaching Hospitals NHS Foundation Trust
The London Sarcoma Service	Royal Liverpool & Broadgreen
Nuffield Orthopaedic Centre	University Hospitals Birmingham Foundation Trust
	Royal Marsden
	Plymouth Hospitals NHS Trust
	Royal Devon & Exeter NHS Foundation Trust
	North Bristol NHS Trust
	Nottingham University Hospital NHS Trust

- Not a complete picture e.g. surgical treatment for patients with skull or thoracic tumours, radiotherapy, chemotherapy

What is a sarcoma centre? - the issues

Core sarcoma centres



What is a sarcoma centre?

- issues

- Important limitations on analyses undertaken
 - Lack of morphology codes in HES and CWT datasets limit the sites that can be covered without matching to cancer registration data
 - Data may not be as up to date as for other cancer sites
- Not all site specific IOGs have clear guidelines/ agreement on the management of sarcomas
- Each site specific IOG has a different implementation date
 - It cannot be assumed that service reorganisation takes place immediately an IOG is published

What is a sarcoma centre? - the issues

- Should patients with head and neck/gynae/ Kaposi/skin sarcomas be treated surgically in the “core sarcoma centres”?
- Need to map patient pathways for each of the 15 sarcoma MDTs to understand which hospitals have been involved in the diagnosis and treatment of each sarcoma patient
 - Trusts of surgery, radiotherapy, chemotherapy
- Need to know if patients treated by site specific teams have been discussed by a sarcoma MDT
 - Can we find this from CWT data?
 - Can we find this from the electronic feeds that sarcoma MDTs send to their local cancer registration office?

What is surgical treatment? - the issues

- Currently, only OPCS4 codes defined by the UKACR as ‘**curative surgery**’ are included in analyses
- Should analyses be widened to include OPCS4 procedure code groups covering
 - Biopsy
 - Curative surgical treatment – UKACR
 - Other curative procedures
 - Palliative procedures?
- How will OPCS4 procedure code groups be defined for each site specific sarcoma site?

Summary of issues for discussion

- Sarcoma classification based on morphology codes agreed by SSCRG - but
 - Should we be including sarcomas of the brain in some analyses e.g. for commissioning?
 - How can we address coding issues in cancer registries and sarcoma centres?
- Sarcoma treatment analyses
 - Should all sarcomas be treated in a sarcoma centre?
 - What surgical procedures should be included in analyses?
- How should data be grouped relative to IOG publications?
- Which SSCRG(s) should carry out sarcoma analyses?
 - How can we encourage cross-SSCRG working?

Table Top Discussion