

Acute Haemato-Oncology Service at Musgrove Park Hospital

Saiqa Spensley, Deepak Mannari, Jo Botten, Lucy Ford, Katherine Michaels, Julie Maddock

Taunton and Somerset NHS Trust

Members of Team

Our service started November 2013. The team consists of:
 Dr Saiqa Spensley - Clinical Oncologist - AOS Lead (fulltime)
 Dr Deepak Mannari - Haematology Consultant (full time)
 Dr Jo Botten - Specialty Doctor (Mon-Thurs 9-3)
 Lucy Ford - Band 7 CNS (job share)
 Katherine Michaels - Band 7 CNS (job share)
 Julie Maddock - AOS MDT coordinator (part time)

Our Role

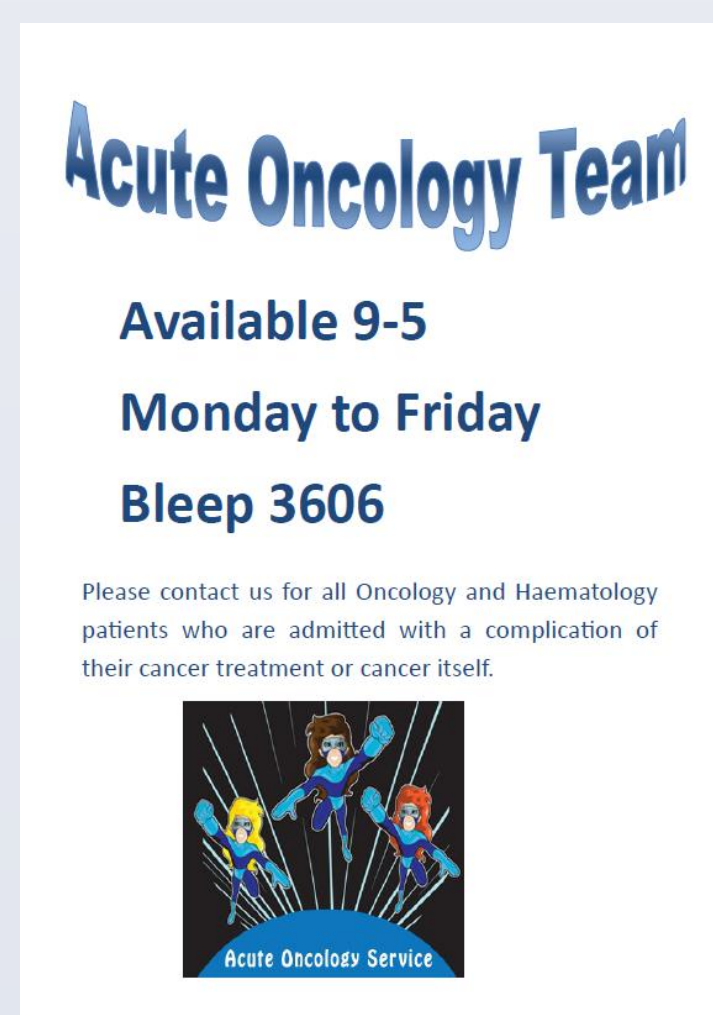
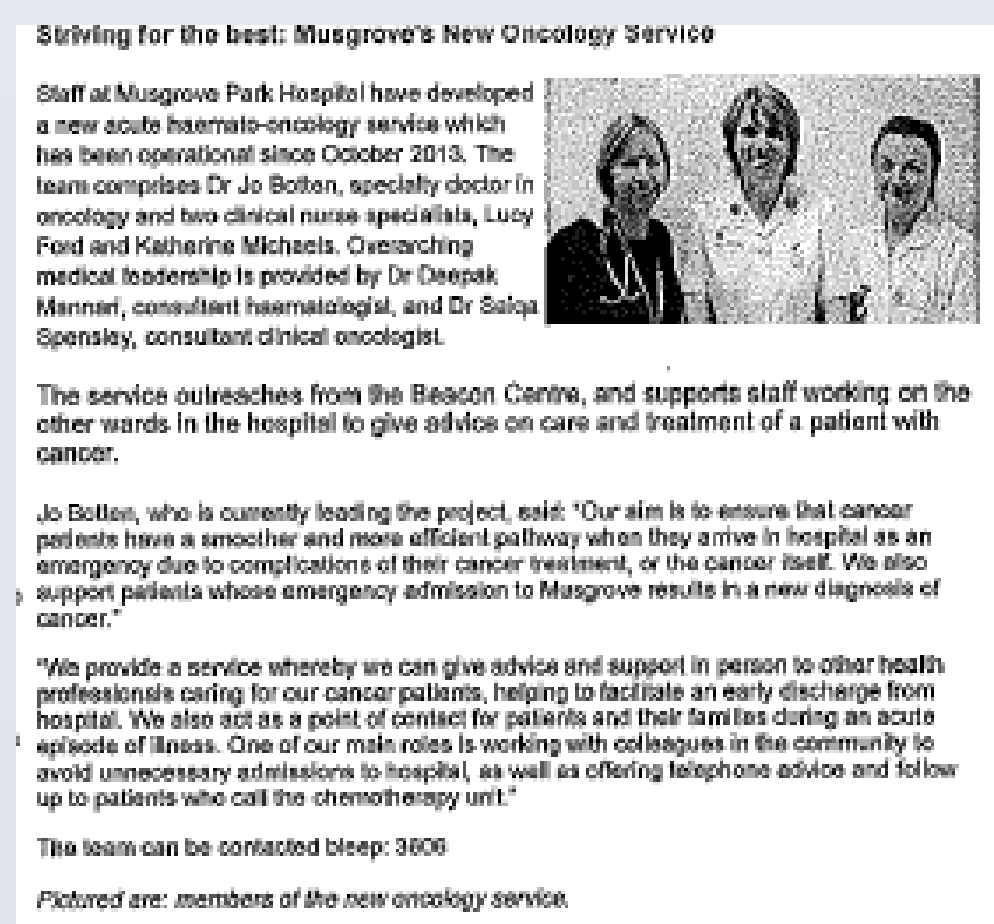
- Review of Oncology and Haematology patients that are admitted acutely within 24 hours
- Board round on Oncology ward to aid discharge
- Discuss all patients at weekly MDT meeting
- Keeping track of new MUO/CUP patients

Peer Review Compliance

Our self assessment compliance for 2014/15 is 74%. We are meeting 14 out of 19 measures

Visibility

We have worked hard to promote our service. There are posters in ED/MAU/Acute wards detailing our contact number



We have been interviewed for "Musgrove Matters" - a Trust wide news letter and posters have been placed around the hospital corridors.

Information Technology

- Flagging system highlighting patients on treatment
- Access to A&E discharge summaries
- Limited by Trust switching EPR provider
- Developing AOS website with links to all relevant policies

Neutropenic Sepsis

- Involved in updating the neutropenic sepsis antibiotic policy
- Audited our compliance with NICE guidance for the initial management of confirmed neutropenic sepsis patients. This will be presented at the Departmental Audit meeting in June
- Introduction of MASCC score to aid early discharge with AOS telephone follow up

Door to Needle Audit

Prior to the AOS team, the door to needle time was 37%.

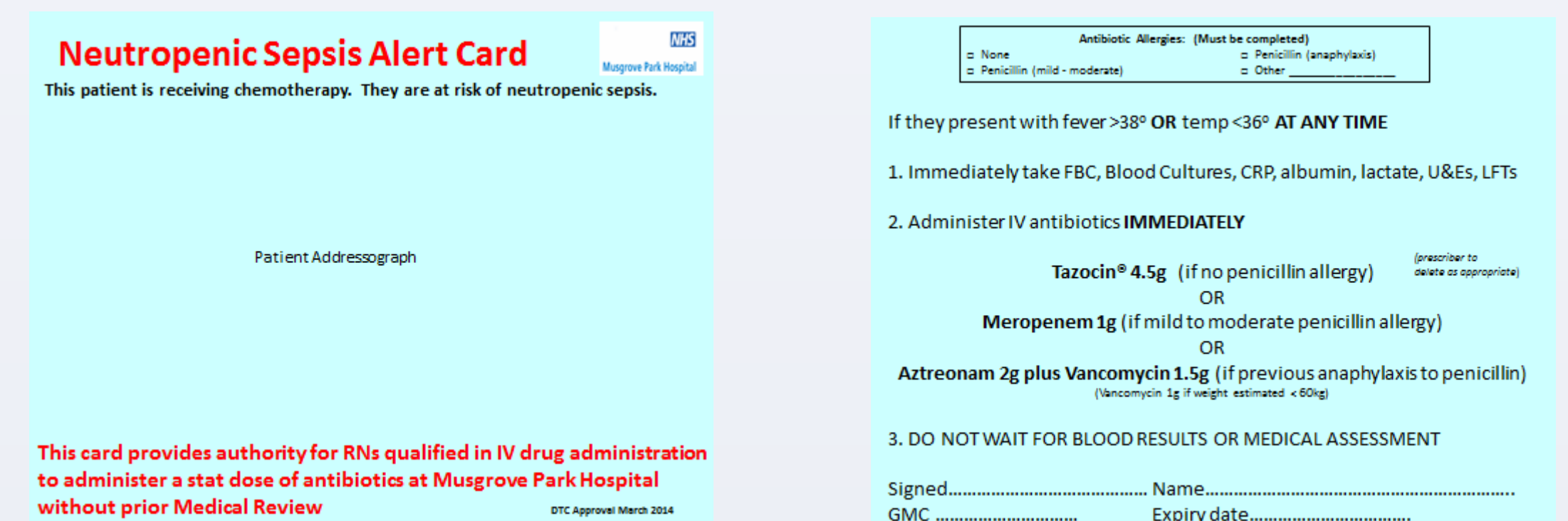
Month	Number of patients	Percentage
June 2014	9/12	75%
May 2014	8/14	57%
April 2014	15/28	54%
March 2014	17/22	77%
Feb 2014	18/24	75%
Jan 2014	9/18	50%
Dec 2013	9/12	75%
Nov 2013	16/26	62%

We have given monthly teaching sessions to MAU and ED about the importance of immediate antibiotics for these patients.

We have produced a handover sheet for the chemotherapy day unit/wards to aid hand over to MAU and ED.

Neutropenic Sepsis Alert Card

This card will be given to all patients on chemotherapy. It acts as a Patient Specific Directive and allows IV drug trained RGNs to administer a stat dose of IV Abx, without prior medical review



Teaching

- A&E and MAU nurses (monthly)
- Booked to do Grand Round
- Core Medical Training
- Foundation Doctor Induction
- Haematology SpRs
- A&E consultants and middle grade doctors

We have been very encouraging of the Day Unit and ward nurses shadowing the team to gain a better understanding of the AOS role and pathways

Metastatic Spinal Cord Compression

- Attend monthly Spinal Oncology MDT meeting.
- Shared on call system with Royal Devon and Exeter Hospital.
- Current MSCC coordinator - orthopaedic SpR on call
- Audited our compliance to NICE guidance with respect to MRI within 24 hours.
- The MSCC policy is out of date and we are in the process of looking at the pathway in conjunction with the spinal surgeons.

Courses attended

- Acute Oncology Roadshow, Bristol, Oct 2013 (KM, LF)
- Acute Oncology - an Update, RSM, Jan 2014 (JB)
- Successfully sustaining your Acute Oncology Service, Birmingham, March 2014 (KM)
- NICE e-learning Neutropenic Sepsis (KM, LF, JB)
- Macmillan Acute Oncology e-learning module (JB, LF)
- Excellence in Acute Oncology Skill Builders Masterclass, London, April 2014 (LF, JB)
- National Cancer pain update, London, September 2014 (KM, JB)
- Regional CNS meetings (KM, LF)
- Annual SAS Doctor conference, Taunton, June 2014 (JB) - oral presentation delivered.
- Developing a national consensus for AOS, Birmingham, July 2014 (KM, SS)

Audit

- Use of UKONS Triage Tool
- Door to needle time for suspected Neutropenic Sepsis patients
- Compliance to NICE guidance for initial management of neutropenic sepsis patients
- MRI within 24h hours for ? MSCC patients

Future Plans

- Improvement in door to needle compliance
- Update and improve MSCC pathway
- Patient feedback questionnaire (in process of writing)
- Ensure all AOS protocols are written and up to date
- Develop early discharge for low risk neutropenic sepsis patients
- Reduce length of stay
- To be able to liaise more with GPs