

# Transfusion Care Plans-how they can support patient driven transfusion care.

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# The Christie- a brief overview.

- The Christie is one of Europe's leading cancer centres
- Over 44,000 patients are treated annually, 80% of these patients are treated as outpatients.
- We serve a population across Greater Manchester and Cheshire of 3.2 million, but as a National specialist around 26% of patients are referred nationally and internationally.
- Radiotherapy is provided via one of the largest departments in the world.
- Chemotherapy is provided on site and via 10 satellite facilities.
- Highly specialist surgical unit for rare and complex cancers.

# The ANP role - how this supports patient driven transfusion care

- Advanced Nurse Practitioner (ANP) working in Acute oncology and Ambulatory Care setting.
- Over 30 ANPs employed trust wide to support patient focused holistic care.
- All Masters educated and non medical prescribers
- Extensive training in making the clinical decision and providing the written instruction for blood component transfusion (1)
- Each cancer disease group has an ANP attached to the medical team- this includes haemto-oncology services, and more recently surgery 4 clinical nurse specialists appointed-provides stability, and continuity of patient care throughout the treatment journey.
- The autonomous role provides personalised patient blood management alongside managing and supporting the patient with their anti cancer treatment.

# Ambulatory Care.

- Christie Hotline service - 24/7 365 days a year.
- 22 bedded Oncology assessment unit
- 8 bedded Emergency Admissions service providing ambulatory care for patients with potentially acute oncology complications.
- As per NICE guidance ( NG 47)- also covers the management of neutropenic patients at home where possible.
- Here we see patients who may require single unit blood transfusions and platelets to maintain their quality of life during and after anti cancer treatment.
- Very personal approach- nurse led- transfusion decisions are frequently made in collaboration with the patient and their families to maintain optimum quality of life.
- We can tailor the patients blood management to fit with their on going treatment within the Christie.

# The Patient Care Plan

- Comprehensive patient assessment, history and clinical examination.
- Assessment of the patients transfusion history
- Individualised, timely and efficient.
- Consideration and exclusion of other causes of anaemia- not just treatment related.
- Work closely with our transfusion practitioners within the trust.
- Use of iron infusions and tranexamic acid where indicated.
- The use of irradiated blood products/special requirements.

# Radiotherapy patients

- NHSBT guidance (indication code 5) would suggest a haemoglobin level of greater than or equal to 110g/l, although as is recognised, little evidence currently exists to support this.
- In practice, this can be difficult to achieve depending on the primary cancer site, and again is very patient specific.

# Transfusion process audit at the Christie.

- We received both positive and negative feedback which will help guide our practice.
- Several comments with the same theme .....I always appreciate the time taken to discuss all aspects of my condition and especially that the team try so hard to ensure the best quality of life for me, particularly agreeing transfusion sub 90 Hb instead of sub 80.
- I was terrified of having a blood transfusion, would it interfere with my chemo... the time taken to explain everything and why I needed the blood helped me understand.
- Involving my family at every point of the process
- I was seen 1 hour late in the chemo clinic and then told by the doctor that I needed blood, my mind was in a spin, I had never had a blood transfusion before but no explanations were provided; no discussion....

# Standards of Proficiency

- For registered nurses
- New standards of proficiency will be used from January 2019 published by the NMC.
- This reflects the changing demands on nurses and will enable nurses of the future to adapt safely to their patients changing healthcare needs.
- Represents skills, knowledge and attributes all nurses must demonstrate.
- This has 7 platforms which we as nurses should adhere to; patient blood management is an integral part of patient care, working within and being guided by these platforms nurses can ensure safe and effective patient care.

# The 7 Platforms...

- Being an accountable professional
- Promoting health and preventing ill health
- Providing and evaluating care
- Assessing needs and planing care
- Leading and managing nursing care and working teams
- Improving safety and quality of care
- Coordinating care.

Questions?