EONS Safety Manifesto – Objectives and key recommendations

When providing evidence-based information to patients, their significant others and our colleagues, cancer nurses can take the lead in patient safety. According to the WHO (2018) – out of hospitalised patients, approximately 1 in 10 experience harm and around half of those incidents could have been prevented. Furthermore, cancer patients are particularly vulnerable to harmful events, with 3 in 10 patients in oncology settings experiencing harm. Unsafe handling of medication is both costly and causes harm to our patients; around 15% of health care spending is wasted on adverse events.

As a cancer nurse you can involve patients and their significant others by encouraging them to tell you directly if something is or seems to be wrong regarding any aspect of their treatment and care. This is likely to reduce the risk of harm. Encourage patients and their significant others to ask questions regarding their treatment and care.

If you are a cancer nurse and planning to become pregnant or are pregnant and/or breastfeeding, tell your manager directly. Ask for alternative duties if you work with cytotoxic drugs, radioactive agents or with open radiation sources. You may assess cancer patients and manage side-effects, but should avoid direct contact with cytotoxic drugs, such as connecting, disconnecting cytotoxic drugs from a patient, handling of bodily fluids or dealing with a cytotoxic spillage. Even though protective clothing and following safety precautions will lower the risk, it will not eliminate it.
Healthcare staff working with cytotoxic drugs should use Personal Protective Equipment (PPE) in order to protect against the potential risks of skin rashes, effects on reproduction and even cancer.

As a cancer nurse caring for patients receiving chemotherapy and/or radioactive agents, please ensure you have access to appropriate PPE. Know where your cytotoxic spillage kit is located, ensure that you follow safety precautions, SPEAK UP if there are deviations in practice and request periodical training updates on this topic.

Closed System Transfer Devices (CSTD) can protect from spillage together with safer handling. More evidence is needed on the effectiveness and impact on health care staff’s health related to usage of CSTD.

Safety precautions include reducing medication errors. As cancer nurses, we often care for patients receiving complex cancer treatment regimens. WE MUST adhere to protocols and remember the 5 Rs of medication administration:

1. Right patient
2. Right drug
3. Right dose
4. Right route
5. Right time

Cancer nurses’ actions and skills are of great importance for safety. Safe procedures and the correct use of devices are crucial steps in safety promotion, as is the courage to speak up and question when adverse events do occur in practice, including risks and near misses.

In this way, cancer nurses can contribute strongly to achieving a high patient safety culture, which will reduce the risks for both patients and staff.
Further reading

**EONS Cancer Nursing Education Framework**, module 3 -

**Ten Facts on Patient Safety by WHO** -
https://www.who.int/features/factfiles/patient_safety/en/

“Five moments for medication safety” – for both health care professionals and patients -
https://apps.who.int/iris/bitstream/handle/10665/311157/WHO-HIS-SDS-2019.3-eng.pdf?ua=1

“Adverse events in hospitalized cancer patients”

“Preventable and mitigable adverse events in cancer care”

“Safety Hazards in Cancer Care”


How nurses adhere to safe handling - Polovich M, Olsen M. Safe Handling of Hazardous Drugs. 3rd Ed. Pittsburgh, PA: Oncology Nursing Society; 2017; Wiley, K.

**The Oncology Nursing Society's Toolkit** -
https://www ons.org/sites/default/files/2018-06/ONS_Safe_Handling_Toolkit_0.pdf

Cytotoxic drugs and pregnancy - Gilani S, Giridharan S. Is it safe for pregnant health-care professionals to handle cytotoxic


National Institute for Occupational Safety and Health (NIOSH) and the *American Society of Health-System Pharmacists* (ASHP)

**European Legislation Protecting Cancer Nurses and other Healthcare Workers**

*Protection from harmful substances:*

Directive (EU) 2019/130 amending Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work


*Protection against long working hours:*

**The European Working Time Directive**


Global Level Action on Patient Safety (World Health Organisation):

The Manifesto is endorsed by:

- EANM® European Association of Nuclear Medicine
- EAU European Association of Urology Nurses
- ECCO European Cancer Organisation
- EORTC European Organisation for Research and Treatment of Cancer
- ESN European Specialist Nurses Organisation
- LUNG Cancer Europe
- Thyroid Cancer Alliance
- EWAC European Week Against Cancer