

No. of new cases by year and age group

Year	0-19	20-44	45-64	65+	Unknown Age	All Ages
2006	197	2,594	8,196	12,756	7	23,750
2007	192	2,520	8,682	12,942	6	24,342
2008	194	2,533	8,916	12,991	1	24,635
2009	189	2,533	9,616	13,638	1	25,977
2010	198	2,475	10,069	13,648	-	26,390
2011	192	2,500	10,781	13,523	2	26,998
2012	195	2,567	10,813	14,273	-	27,848
2013	234	2,594	11,554	14,554	-	28,936
2014	196	2,700	11,894	14,827	1	29,618
2015	191	2,606	11,855	15,666	-	30,318
Total	1,978	25,622	102,376	138,818	18	268,812
Average	198	2,562	10,238	13,882	2	26,881

The number of new cancer cases in Hong Kong rose at an average annual rate of 2.9% over the past decade

UCH Expansion Project



Cancer

Ambulatory

Rehabilitation

Emergency

C of CARE

New Oncology Centre for KEC Patients



Medical oncology service

The missions:

- To manage systemic cancer treatment
- To optimize co-morbid medical conditions before and during cancer treatment
- To manage the medical complications arisen from the cancer and therapy

Cytotoxic drug

Are hazardous substances

 Serious and even fatal outcomes if failure to deal with properly and safely.

Cytotoxic Safety program

Objective:

 To provide a safe working environment to run the medical oncology service and mitigate the risks of handling cytotoxic drugs.

Cytotoxic Safety program

Equipment preparation

Staff recruitment

Operation guideline review

Competence assessment

Staff training



Core members:

One APN and two senior RNs

(completed PRCC of oncology and hematology)



Equipment preparation

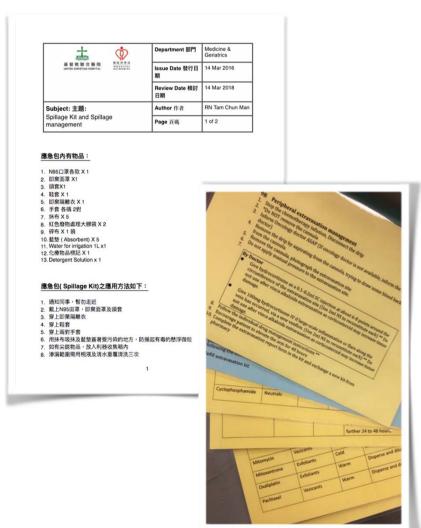
- A lockable cupboard and refrigerator for storage
- Chemotherapy trolley
- Spillage kit
- Extravasation kit
- A warning label and designed area for hazardous toxic waste





Operation guideline review

- Standardized workflow of storage, handling and disposal of cytotoxic drug
- Guideline of Spillage management
- Cue card for extravasation management





Staff training

- Lectures
- Clinical practice at oncology day centre
- Post Registration Certificate Cours in oncology







Staff training

Scenario based training:

- Spillage drill
- Extravasation management



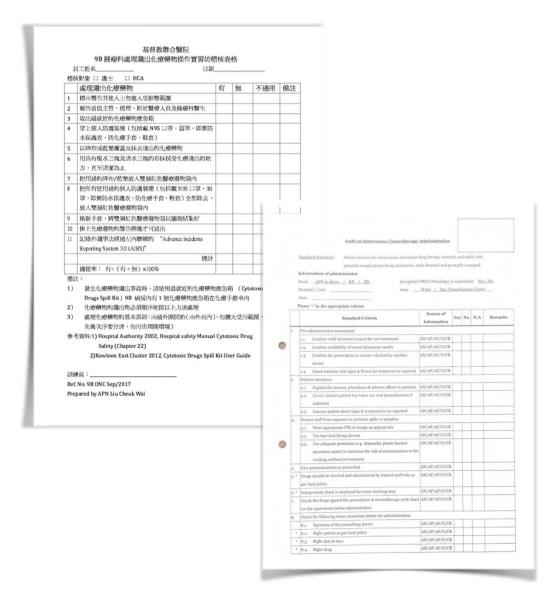




Competence assessment

Audit

- Chemotherapy administration
- Spillage management



Outcome

Audit result

Chemotherapy administration

Target: 25 APN/RN

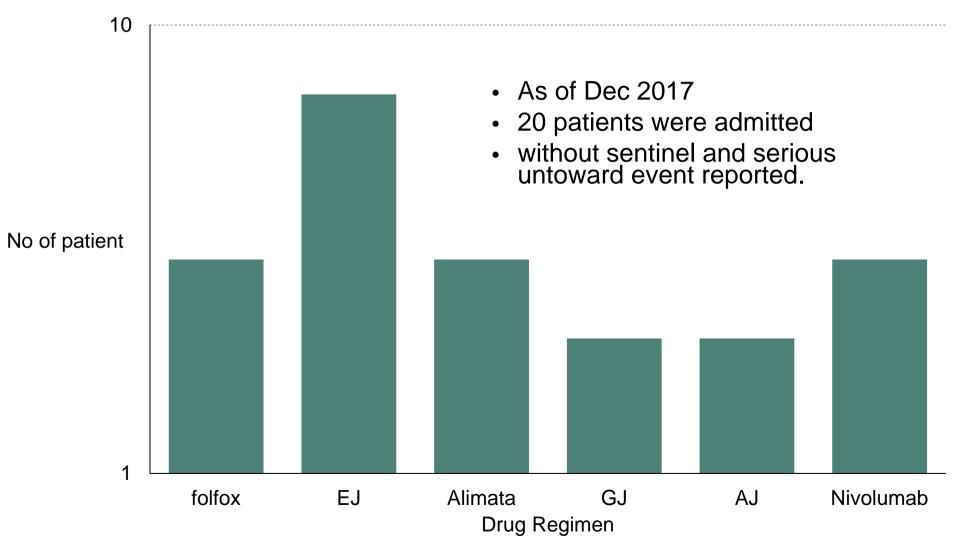
Result: 100% compliance

Spillage management

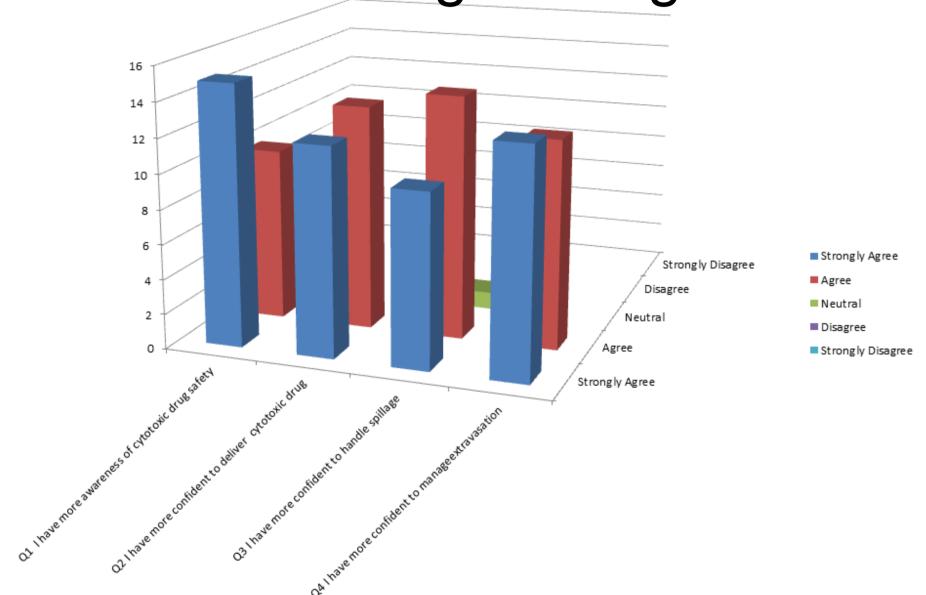
Target: 25 APN/RN and 8 Health care assistants

Result: 100% compliance

Cytotoxic drug given



Questionnaire on nursing colleagues



Acknowledgement

Consultant

Dr YK Lam

DOM

Ms YB Ng Mr SK Tang

WM

Mr WK Lui

APN

Ms CW Liu Mr HK Leung Mr HC Ng

RN

Mr CM Tam
Mr WH Lo
Ms MY Lee
Mr KH Leung
Mr HH Cheung

