

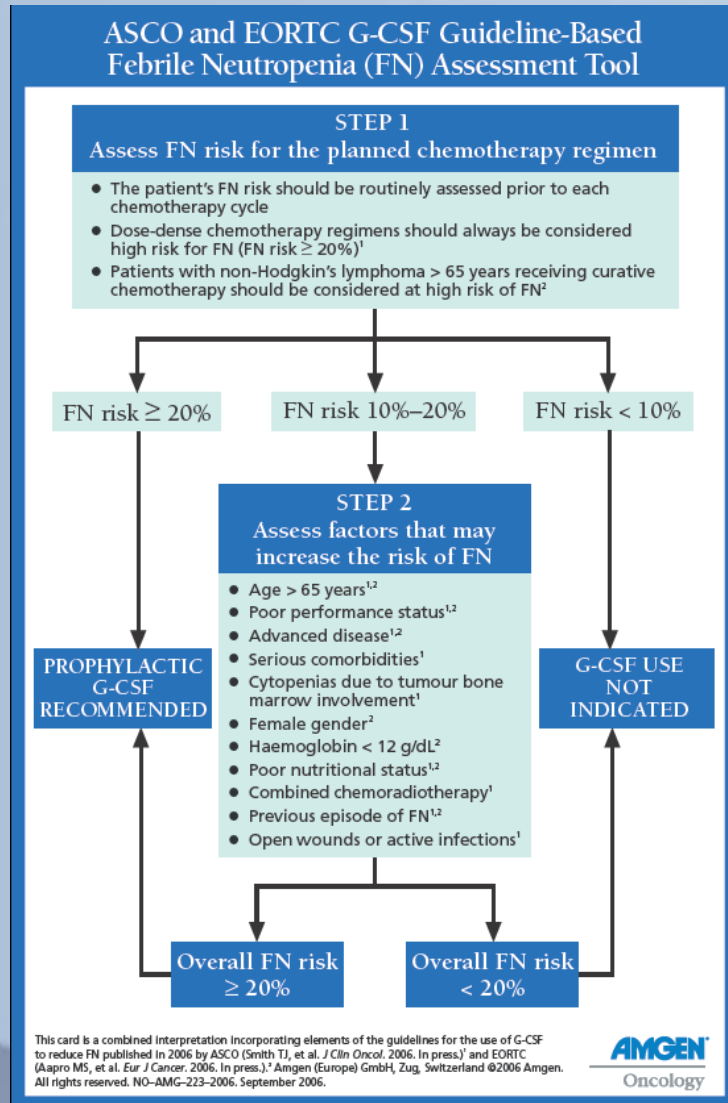
# Simple and Successful Dissemination Projects

# A simple dissemination project idea



- Assess patients for risk of febrile neutropenia before they start chemotherapy
  - Simple: risk assessment tools are available
  - Valuable: high-risk patients can be identified, and prophylactic treatment be suggested based on guidelines
  - Clear results: fewer hospitalisations and decreased reactive treatment

# An example risk assessment tool



**Checklist of FN Risk Factors**

**STEP 1**  
Chemotherapy regimen FN risk

FN risk factors		G-CSF use
FN risk $\geq 20\%$	<input type="checkbox"/>	Recommended
Dose-dense chemotherapy is planned	<input type="checkbox"/>	Recommended
FN risk < 20%	<input type="checkbox"/>	Consider factors below

**STEP 2**  
Factors that may increase the need for G-CSF prophylaxis

**Treatment intent**

Treatment may be curative <sup>1,2</sup>	<input type="checkbox"/>
Treatment may prolong survival <sup>1,2</sup>	<input type="checkbox"/>

**Chemotherapy delivery**

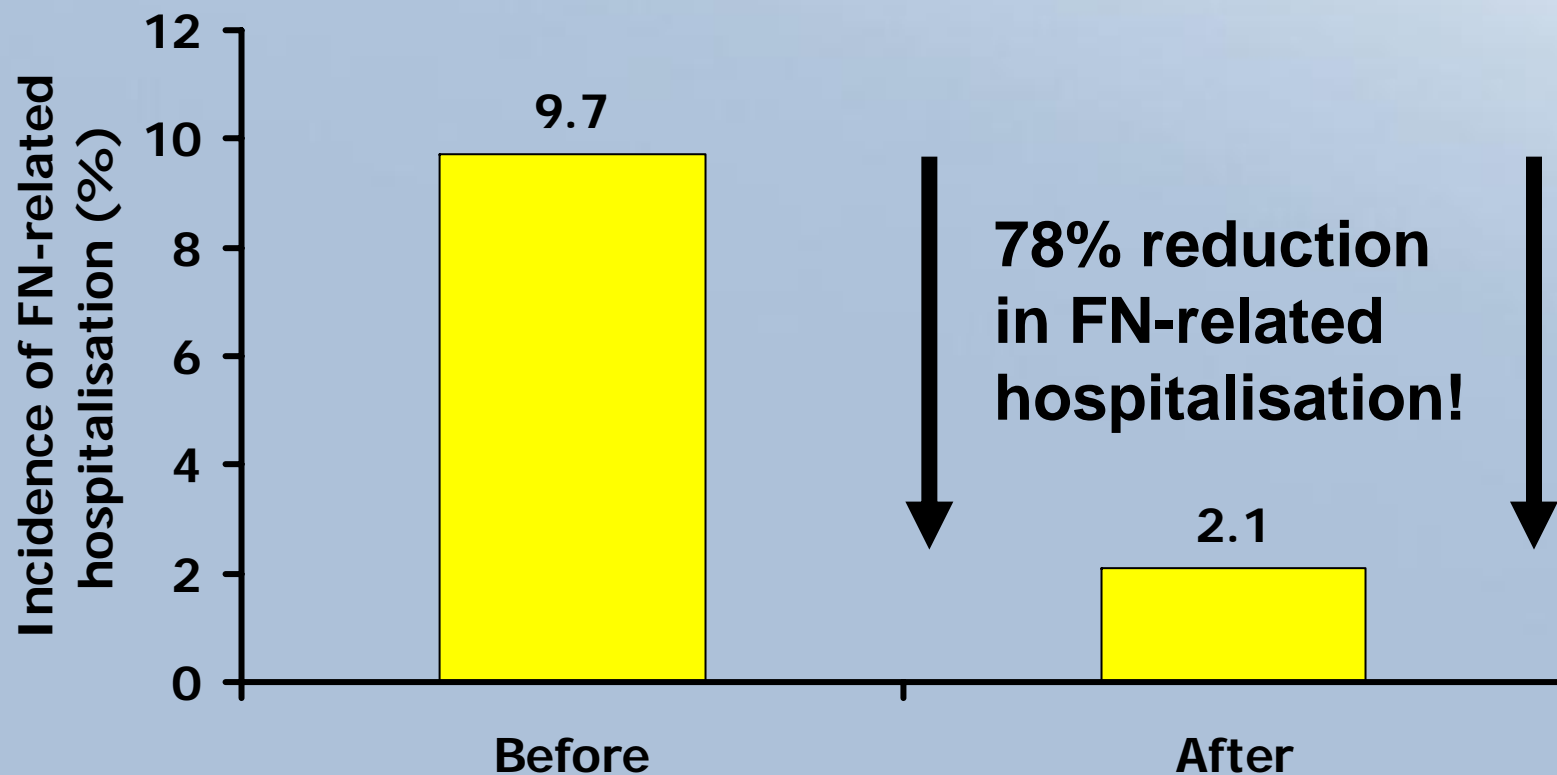
Chemotherapy reductions/delays are associated with a poor prognosis <sup>1,2</sup>	<input type="checkbox"/>
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**Patient-related factors that may increase FN risk**

Age > 65 years <sup>1,2</sup>	<input type="checkbox"/>
Poor performance status <sup>1,2</sup>	<input type="checkbox"/>
Advanced disease <sup>1,2</sup>	<input type="checkbox"/>
Serious comorbidities <sup>1</sup>	<input type="checkbox"/>
Cytopenias due to tumour bone marrow involvement <sup>1</sup>	<input type="checkbox"/>
Female gender <sup>2</sup>	<input type="checkbox"/>
Haemoglobin < 12 g/dL <sup>2</sup>	<input type="checkbox"/>
Poor nutritional status <sup>1,2</sup>	<input type="checkbox"/>
Combined chemoradiotherapy <sup>1</sup>	<input type="checkbox"/>
Previous episode of FN <sup>1,2</sup>	<input type="checkbox"/>
Open wounds or active infections <sup>1</sup>	<input type="checkbox"/>

Following risk assessment, refer to side 1 for guidelines on G-CSF use

# A simple risk assessment tool can lead to striking results!



## Aims of project

- Implement a routine assessment with the guidelines assessment tool for all patients starting chemotherapy at your centre and assess the impact.
- Develop an algorithm that will ensure appropriate follow-up after FN risk has been identified

# Tips for implementing clinical practice guidelines



- Project set-up
  - Baseline data is important to be able to assess impact of new intervention. Baseline data (eg. number of patients hospitalized with FN) may be found through retrospective chart review or in observational manner at the start before implementing new process.
  - Develop a tool that is easy to use so that it does not become a burden for colleagues to implement
  - Utilise and improve existing tools appropriate to your centre with appropriate multidisciplinary team agreement and interaction
- Project follow-up
  - Obtain follow-up data to compare with your pre-project data
  - Update and improve the centre protocol based on findings
  - Let others know about your achievements!