

**PILOT STUDY OF CHEMO-RT FOR  
ADVANCED NPC  
A MALAYSIAN EXPERIENCE**

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**HUKM**

# PILOT STUDY

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- **Standard NPC treatment with addition of chemotherapy**
- **Opted for 2 dose schedules**
  - **30 & 40 mg / m<sup>2</sup>**

# HUKM PATIENTS

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- 3 patients in total, all females
- LKM                      38 years                      T2b N2
- WKC                      42                                      T2a N3
- YLP                      31                                      T2b N2

# HUKM PATIENTS

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- 3 patients in total, all females
- LKM                      25 mg / m<sup>2</sup>    x 5
- WKC                      35 mg / m<sup>2</sup>    x 7
- YLP                      25 mg / m<sup>2</sup>    x 6

# HAEMATOLOGICAL TOXICITY

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- |     |   |   |   |
|-----|---|---|---|
| WBC | 0 | 1 | 0 |
| HB  | 0 | 0 | 0 |
| PLT | 0 | 0 | 2 |

# NON-HAEMATLOGICAL TOXICITY

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• Skin	3	2	2
• Mucositis	3	2	3
• Pan	3	2	3
• Salivary	2	2	3
• N & V	1	1	2
• Weight loss	2	1	2
• Fatigue	2	1	2

# NON-HAEMATOLOGICAL TOXICITY

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- **Severe non-haematological toxicity seen in 2 patients at 25 mg / m<sup>2</sup>**
  - **Required admission and fluids**
  - **Both completed radiotherapy**

# WHY?

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- **Large field size**
  - **More meticulous planning and field shaping required**
- **Poor nutrition of patients**
  - **Earlier dietary intervention**
  - **Motivation of patients**
- **Sub-clinical metastatic disease**
  - **Staging procedures**



# CONCLUSION

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- **Concurrent chemo-RT has major non-haematological toxicity**
  - **MTD probably about 25 – 30 mg / m<sup>2</sup>**
- **More intensive planning and review of such patients required**

**THANK YOU**