



Implementing Periodic Monitoring on IV to Oral Switch of Fluoroquinolones in PYNEH

Working Group:

Clinical Microbiology:

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Dr. Alan Wu, Cons, Cons

Dr. Jimmy Wong, AC

Dr. Ben Fung, Resident

Infection Control Team:

Ms Yvette Lai, SNO

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Ms. O W Tsen, RN

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Infectious Disease Physician:

Dr. K C Lung, AC

Dr. S Y Wong, AC

Pharmacy Department:

Ms. McShirley Leung, DM

Ms. Claudia Law, Pharmacist

Ms. Amy Chan, Pharmacist

Ms. Joyce Chan, Pharmacist



Working group of IV to Oral Switch of Fluoroquinolones in PYNEH

Objective

- To promote switching IV Fluoroquinolones to oral when medically appropriate
- To examine the efficacy of the program when implemented periodically

Working group Members:

Microbiologists and Infection Control Nurses:



Infectious Disease Physicians & Pharmacists :



Dr. K C Lung

Dr. S Y Wong

Ms. Amy Chan

Ms. Joyce Chan

Ms. Claudia Law



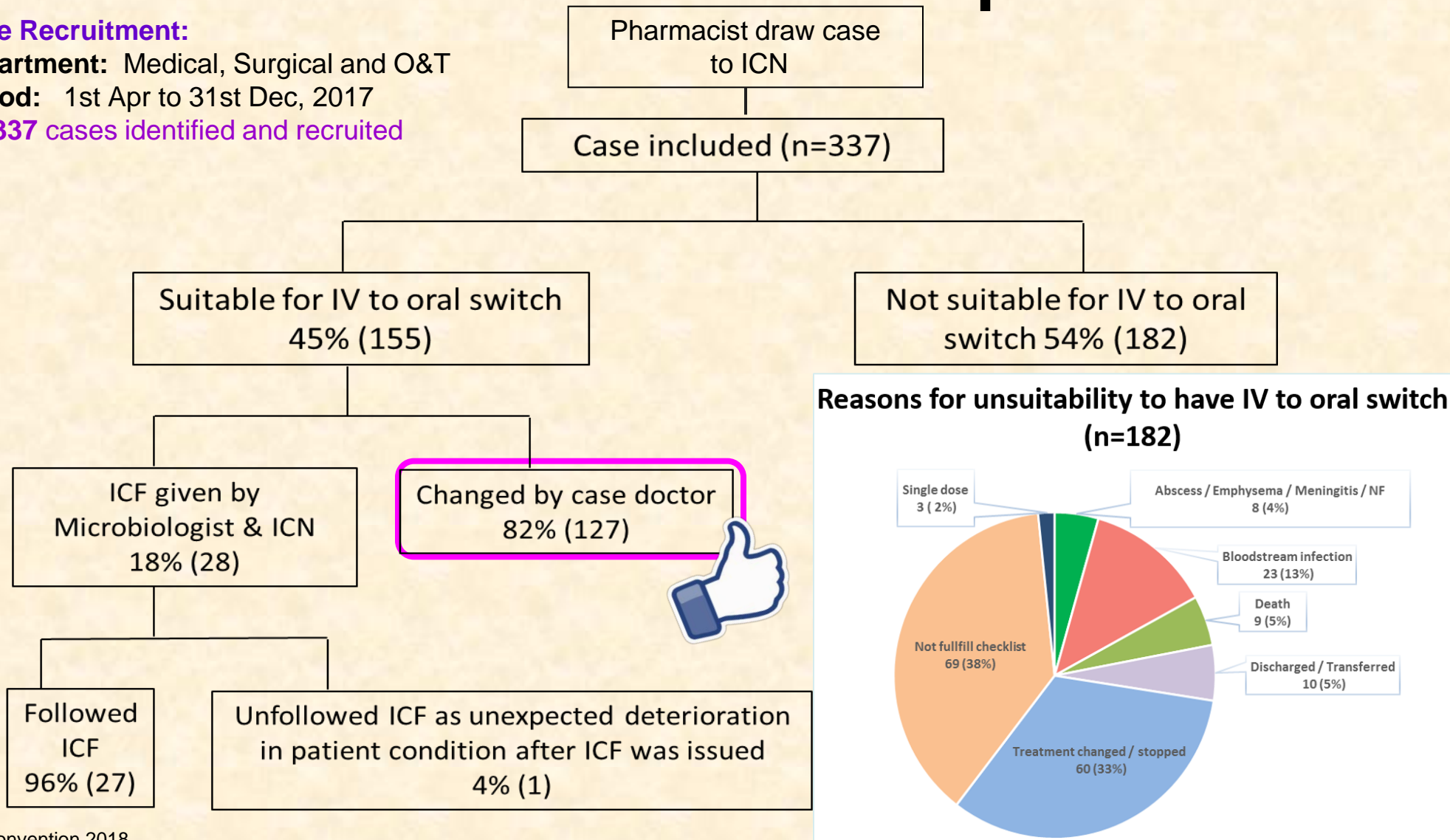
IV to Oral Switch of Fluoroquinolones

Case Recruitment:

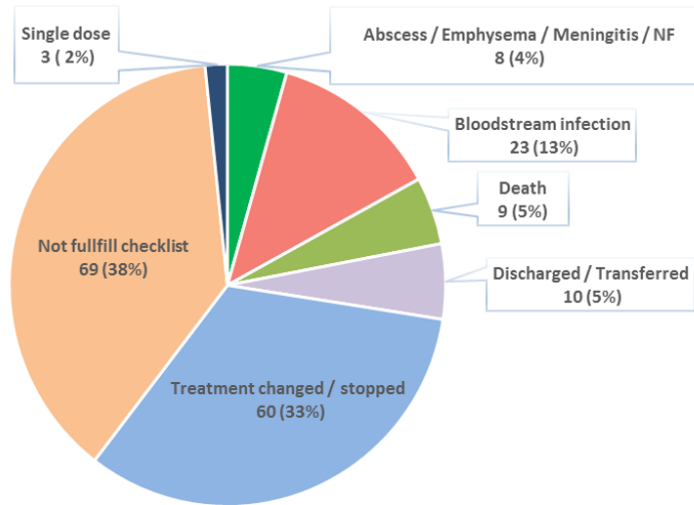
Department: Medical, Surgical and O&T

Period: 1st Apr to 31st Dec, 2017

337 cases identified and recruited

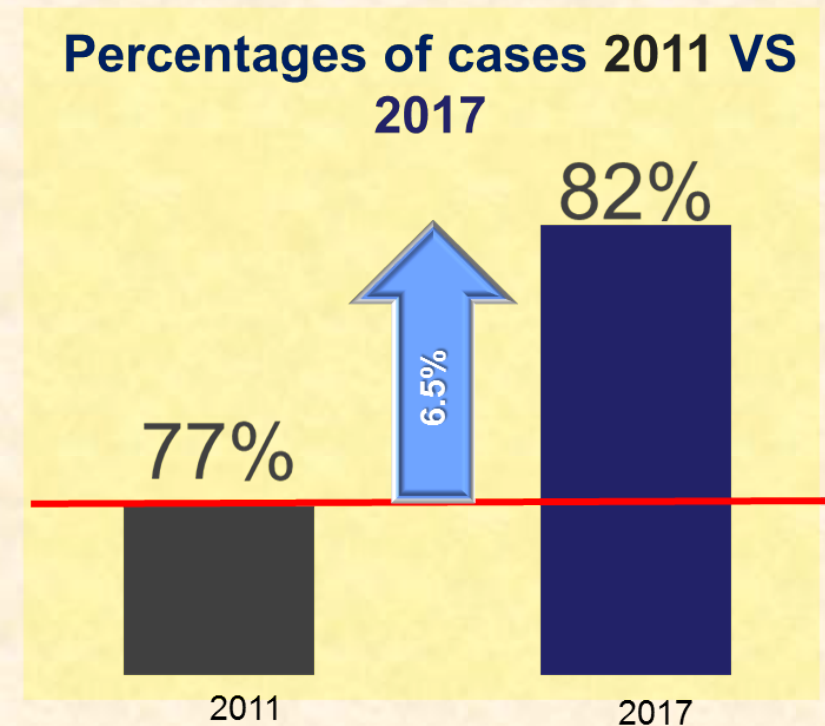
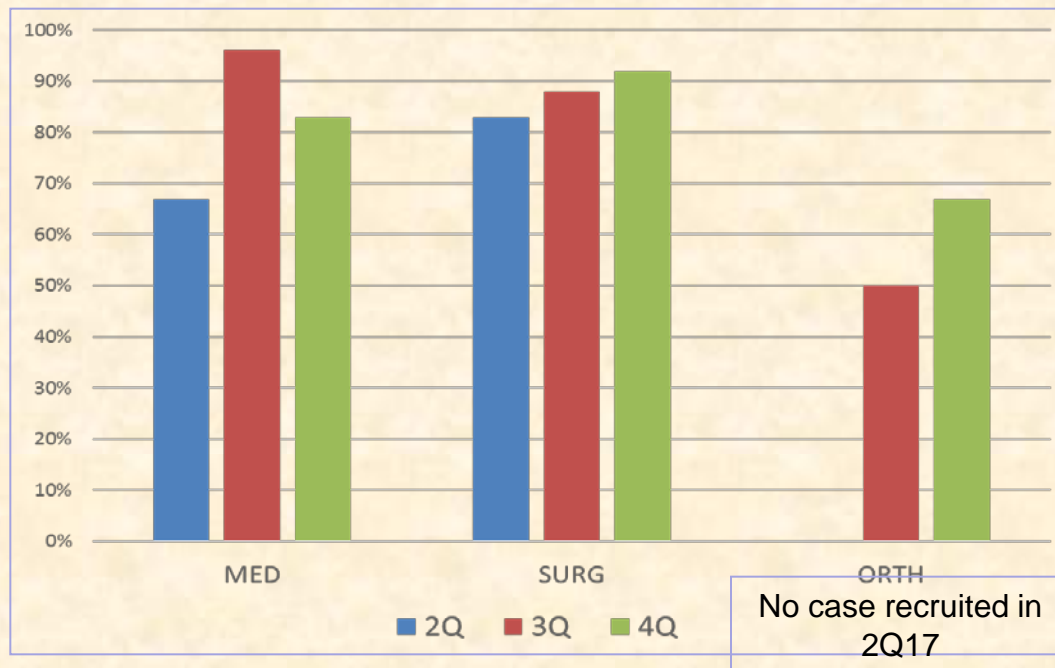


Reasons for unsuitability to have IV to oral switch (n=182)





Awareness on initiating self-switch





Estimated Reduction



↓ **\$68,100** Medication costs



↓ **976 days** of IV therapy r/t IV FQs



↓ **1,035** IV injections procedures =
86 nursing hours for injections and
monitoring infusion



↓ Complications of IV therapy
↓ Hidden expenses
↓ LOS



Conclusion

- Good compliance of IV to PO switching of FQs in Surg / Med departments and the program for these 2 departments has stopped.
- Consumption of IV FQs in ORTH department remained relatively high in 4Q 2017 → continue the IV to PO switching program