

A retrospective audit: Diabetic Foot Ulcers Common Bugs in 2021

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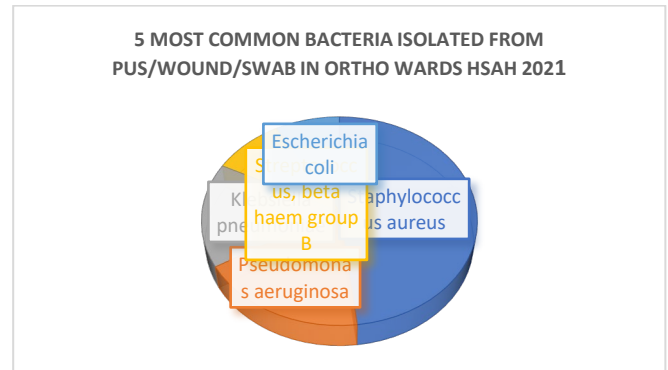
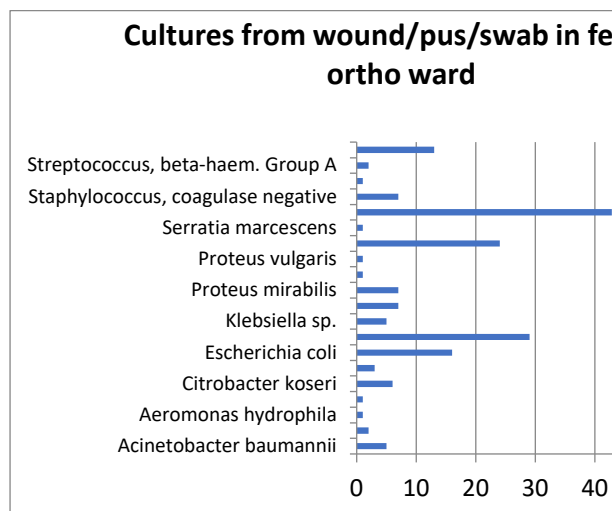
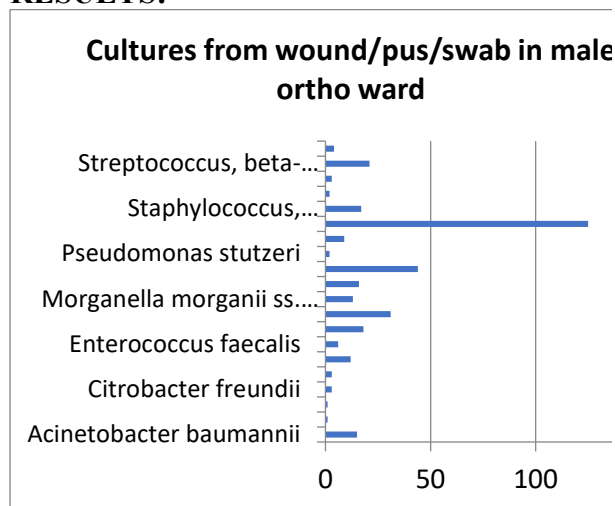
INTRODUCTION

Being one the leading state in diabetes stricken Malaysia, diabetic foot cases are rampant in Kedah. This retrospective analysis summarizes the most common bugs in Hospital Sungai Petani which receive referrals from Hospital Yan, Sik and Sungai Petani.

METHODS:

We sampled all the bone, swab and pus culture and sensitivity test taken from DFU admissions from the both male and female ortho ward.

RESULTS:



DISCUSSIONS

Throughout 2021, the main causal infection was by gram positive microbe which is staphylococcus aureus followed by pseudomonas aeruginosa and Klebsiella pneumoniae. Staph aureus accounted more than 50% of the predominant cases. Some cases might have more than one isolates which means both gram negative and positive bacteria infestations occur at the same time.

CONCLUSION

As highlighted gram positive bacteria followed by gram negative predominates infected diabetic foot. Prescribing initial antibiotic such cloxacillin covering gram positive bacteria are relevant as it targets the most common bacteria in DFU. However, it is wise to consider using wide spectrum or even antibiotic covering gram negative as well in DFU.

REFERENCES

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