

# One Year Outcome of Surgically-unfit Acute Cholecystitis Patients Receiving Percutaneous Cholecystostomy (PTC)

Ng TFX<sup>1</sup>, Kwok HM<sup>1</sup>, Chan HF<sup>1</sup>, Cheng LF<sup>1</sup>, Ma KF<sup>1</sup>

(1) Department of Radiology, Princess Margaret Hospital

## Study Period

1/1/2014 – 31/12/2016

## Introduction

A review on clinical outcomes in 1 year period on patients :

- Suffering from acute cholecystitis
- Referred for PTC
- Critically ill, or
- With multiple co-morbidities including: DM, hypertension, renal failure, cardiovascular disease, etc.
- High surgical risk for urgent cholecystectomy
- Excluded malignancy on active or palliative treatment



## Objectives

Retrospective observational study, reviewing on :

- 30-days and 1-year mortality rate
- Complication rate
- Subsequent operation (cholecystectomy) rate

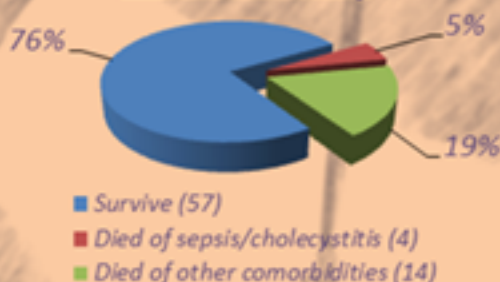
## Results

- Patients reviewed : 86
- Patients excluded : 15
- Mean age : 77 yrs old

### 30-days Mortality



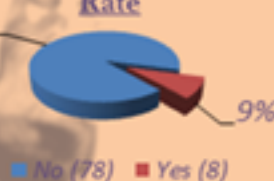
### 1-Year Mortality



### Complication Rate



### Cholecystectomy Rate



## Conclusion

PTC is :

- Safe and reliable treatment option for surgically unfit patients.
- Showing favourable 1-year clinical outcome.