

# **Role Expansion of Nurses: Nurse-driven Echocardiographic Examination**

Chan WC<sup>1</sup>, Tang MN<sup>1</sup>, Pun YP<sup>1</sup>, Lau CK<sup>1</sup>, Tong WC<sup>1</sup>, Lam CW<sup>2</sup>, LEE  
WS<sup>1</sup>, Chan KW<sup>1</sup>

<sup>1</sup> Department of Medicine, North District Hospital

<sup>2</sup> Department of Medicine, Alice Ho Miu Ling Nethersole Hospital



新界東醫院聯網  
NEW TERRITORIES  
EAST CLUSTER



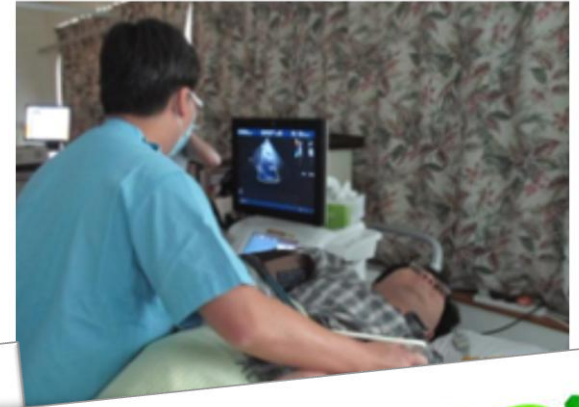
# **Nurse-driven Echocardiographic Examination**

## **Objectives:**

- Team: a strong sense of teamwork
- Nurses: Role expansion
- Cardiologists: Time-saving & share workload
- Patients: Shorten waiting time & save their life

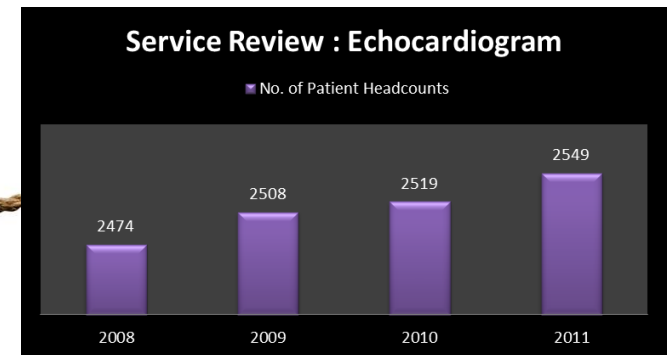
# Echocardiography

- a non-invasive imaging
- informative diagnostic tool in cardiology



人口狀況

2009年	沙田	大埔	北區	西貢*	新界東聯網 服務區域	全港人口
人口	612,600	292,300	305,000	421,100	1,275,600	7,001,600
2019年						
預測人口	686,000	320,500	340,500	504,200	1,421,100	7,658,500



# Nurse-driven Echocardiographic Examination



2010

2011

2012

2013

Needs Recognition

Prepare

Local Conferences

Practical training & Education by  
the Cardiologists

Procedure Evaluate

Poster Sharing at  
ECS

Institute  
Training

Credential

Physician-drive Echo Session

Nurses-drive & Physicians-drive  
Echo Session

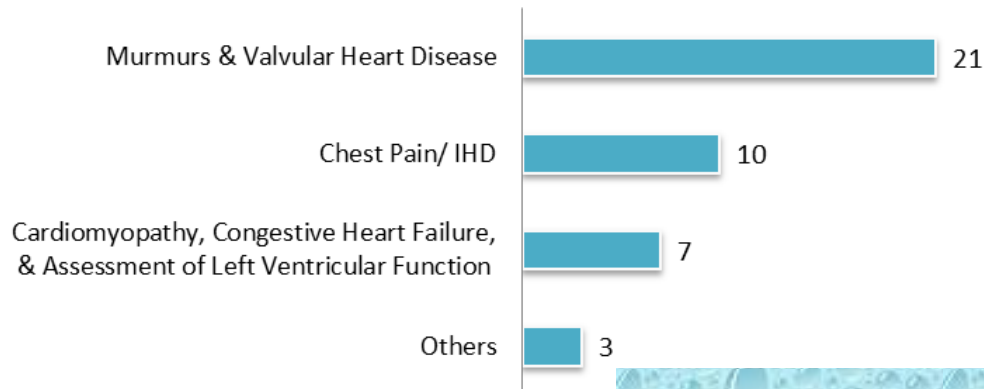
Transition



# Results & Outcomes

## Clinical Application of Nurse -drive Echocardiographic Examination

■ No. of patient



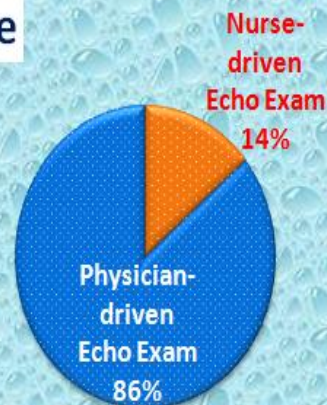
Develop



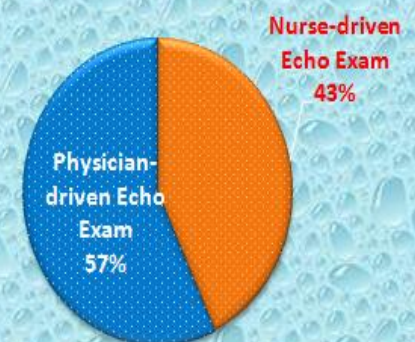
Relationships

## Outcome : Before & After Role Expansion of Echo Nurse

Before



After



# Take Home Message



Coming together is a beginning.  
Keeping together is progress.  
Working together is success.