

24小時溶栓中風治療

24 hours intravenous thrombolytic therapy for stroke

雅麗氏何妙齡那打素醫院及北區醫院

Alice Ho Miu Ling Nethersole Hospital & North District Hospital

中風:

動脈血栓或出血引起的腦損傷

Stroke: brain damage due to arterial
blockage or hemorrhage

- 缺血性中風 Ischemic stroke
- 出血性中風 Hemorrhagic stroke

什麼是缺血性中風？

What is Ischemic Stroke?

腦動脈血栓導致腦梗塞

Brain arterial thrombosis leading to brain infarction

中風的影響 Impact of Stroke

- 肢體癱瘓 limbs paralysis
- 吞嚥困難 difficulty in swallowing
- 語言障礙 dysfunction in speech
- 意識障礙 impairment in consciousness
- 無法自理 unable to take care of oneself
- 併發症 complications
- 死亡 death

雅麗氏何妙齡那打素醫院
和北區醫院

合作提供24小時靜脈溶栓治療

24 hours Intravenous Thrombolytic Therapy for Stroke:
service collaboration by

Alice Ho Miu Ling Nethersole Hospital
and North District Hospital

那打素及北區醫院提供 靜脈溶栓治療

Intravenous Thrombolytic Therapy: collaborative service by
Alice Ho Miu Ling Nethersole Hospital and North District Hospital

- 急症室醫生及護士 Emergency Medicine doctors and nurses at Accident and Emergency Department
- 駐院中風科護士 On-site Stroke Nurse
- 那打素及北區醫院組成腦神經科醫生隊伍
Neurologists of Alice Ho Miu Ling Nethersole Hospital and North District Hospital form one team: on duty to serve both hospitals

病人
Patient

急症室醫生及護士先作臨床評估：突發偏癱；病發時間

Doctor and nurse of Accident & Emergency Department provide initial assessment:
hemiparesis and onset time

中風科護士臨床評估：評估中風嚴重程度

Stroke nurse: assesses severity and extent of stroke

那打素/北區醫院當值腦神經科醫生

經遙距(Tele-stroke)

評估及決定治療方法

On-duty Neurologist of Nethersole and North District Hospitals provides evaluation
and management decision by Tele-stroke

快速察覺中風

Rapid recognition of Stroke

談笑用兵

救護員及急症室分流護士啟動溶栓篩查

Starting screening process for Stroke at Accident & Emergency Department

談: 言語不清
表達困難
Speech
dysfunction

笑: 面部表情
不對稱
Facial
asymmetry

用: 手軟弱無力
Hand
weakness

兵: 立即求診
Immediate
seek doctor

症狀 Symptoms

+

黃金三小時
Treatment window 3
hours

中風科護士收到急症室召喚

Urgent call message to Stroke Nurse from Accident and Emergency Department

立即從電子病歷瞭解病人 Check medical history

from electronic patient record

最近病史、藥物紀錄 Medical and drug history

排除絕對不適合溶栓的因素 Check for

contraindications

十分鐘內到達急症室

Rush to Accident and Emergency
Department in less than 10 minutes

中風科護士到達急症室後

Stroke Nurse arrived at Accident and Emergency Department

詢問病人、家屬以確定病發時間 (< 3 小時)

Confirm onset time with patient and relatives (onset < 3 hours)

檢查病人、評估中風嚴重程度

Examine patient for severity and extent of stroke

協助安排快速檢查

Facilitate rapid investigations

初步排除出血性中風後 After ruling out hemorrhagic stroke:

匯報腦神經科醫生。若當時醫生並非駐院，
安排以遙距視像為病人診症。

Call Neurologist. Implement Tele-stroke.

依據醫生指示，替病人注射溶栓藥物。

As instructed by Neurologist, administer thrombolytic therapy.

密切觀察病人情況及護送往急性中風部門/

深切治療部。 Monitor and escort patient to Acute Stroke Unit
or Intensive Care Unit.

溶栓治療：醫護合作、病人受惠

Thrombolytic therapy: rapid team-work by doctors and nurses to deliver effective treatment for patients

中風溶栓治療:主要參與部門

Participating Departments in Thrombolytic Therapy for Stroke:

- 內科 Medicine
- 急症科 Accident and
Emergency Department
- 放射科 Radiology
- 病理科 Pathology
- 醫院管理局資訊科技部
Hospital Authority Information
Technology

服務開展時序 Service start time

- **2018 年第四季: 十二小時服務(星期一至五, 上午9 時至晚上9 時)**
- **Fourth Quarter of 2018: 12 hours service (Monday to Friday, 09:00 to 21:00)**
- **2019 年第一季度: 二十四小時服務**
- **First Quarter of 2019: 24 hours service**

過渡措施 Interim arrangement

- 今年七月起，將辦公時間外到達急症室的病人轉介至威爾斯親王醫院。
 - 星期一至五晚上六時至早上九時、星期六、日及公眾假期
- Starting from July 2018, potential eligible patients attending at 18:00 to 09:00 Monday to Friday, whole day Saturday, Sunday and Public Holidays, may be transferred to Prince of Wales Hospital for further assessment.
- 病人被送往那打素或北區醫院時，病發少於1.5小時。
- Patients attending A&E Department of Alice Ho Miu Ling Nethersole Hospital or North District Hospital, the onset time of stroke being < 1.5 hour.
- 經威爾斯親王醫院中風團隊評估，符合轉院條件。
- Patient needs to fulfil clinical criteria as assessed by Prince of Wales Hospital before transferal.