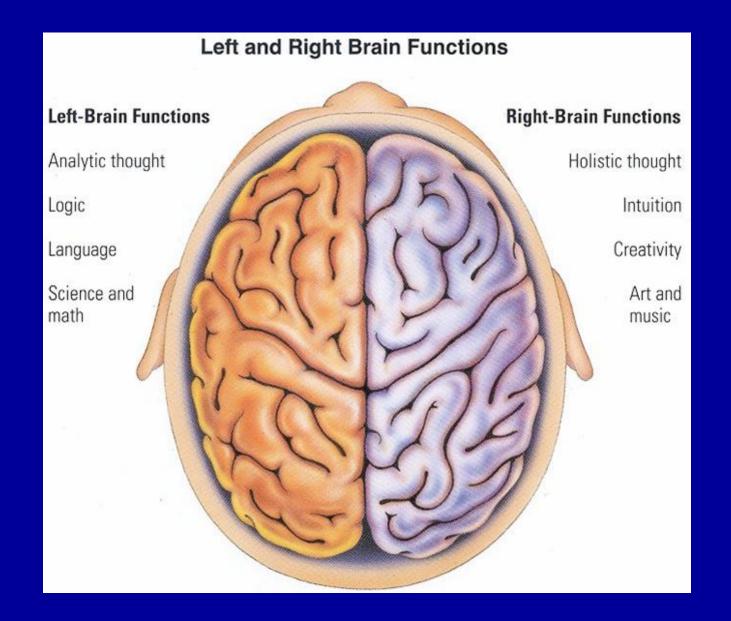
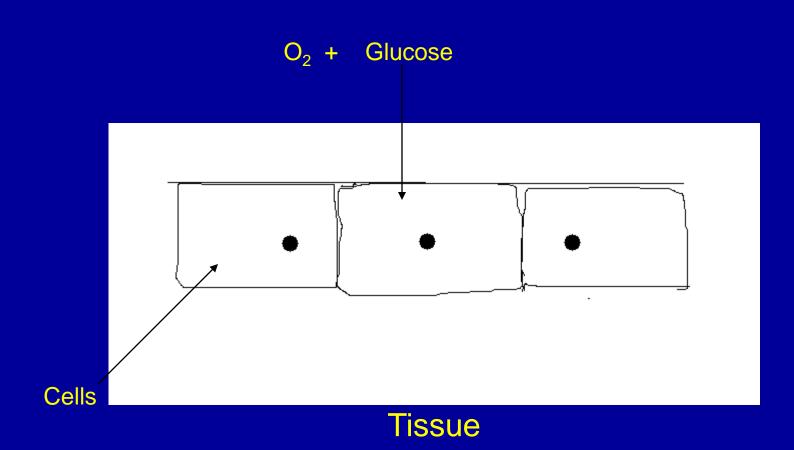
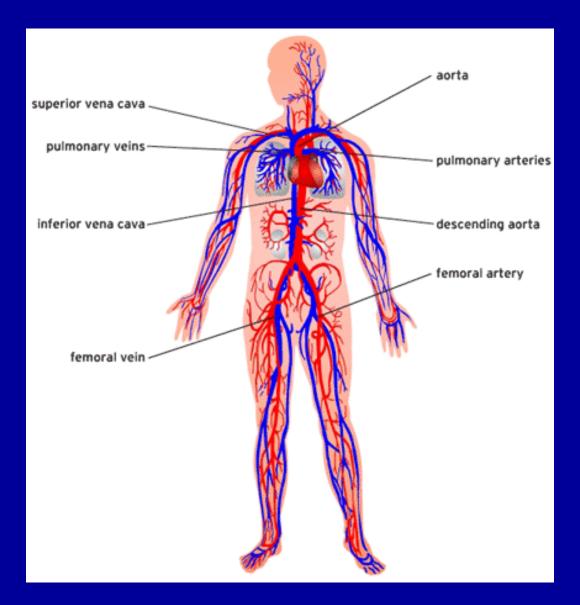
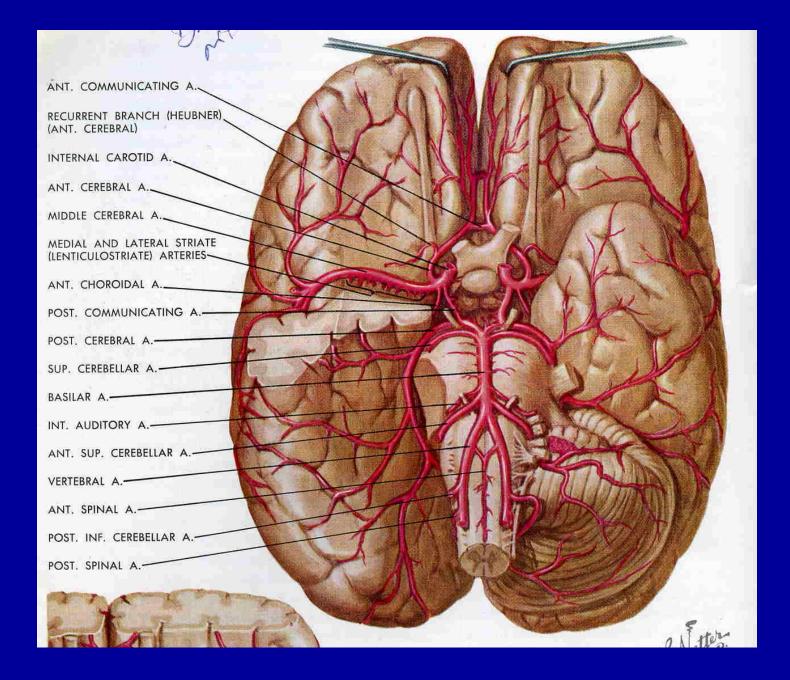
What is stroke ? What is stroke

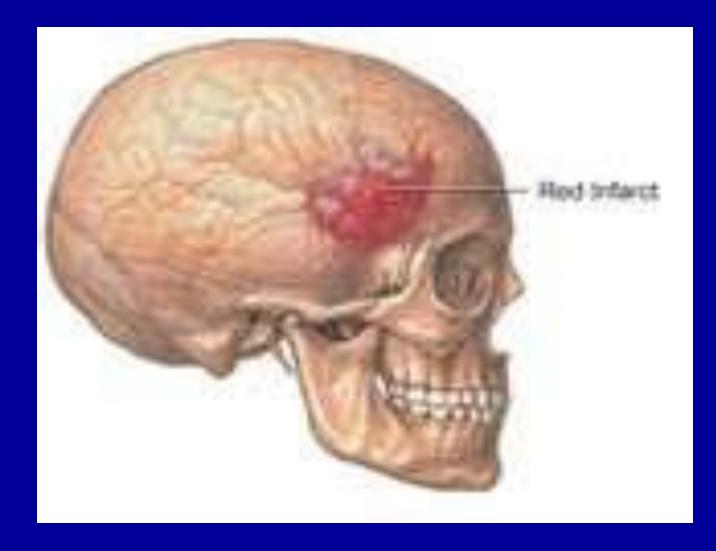
Dr.Padma S. Gunaratne Consultant Neurologist President, National Stroke Association of Sri Lanka Member, Board of Directors, World Stroke Organization & In-charge, Stroke Unit The National Hospital of Sri Lanka



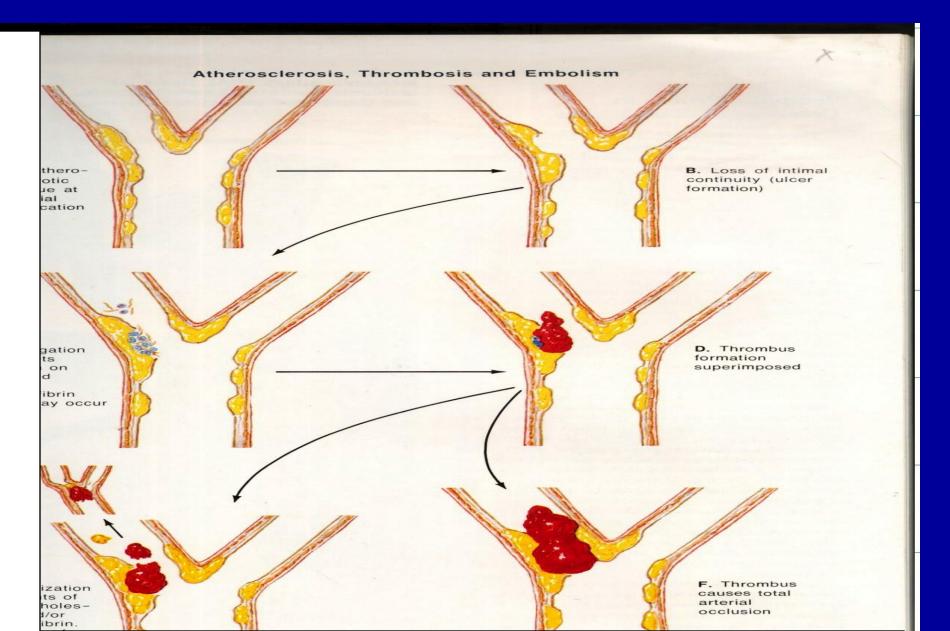




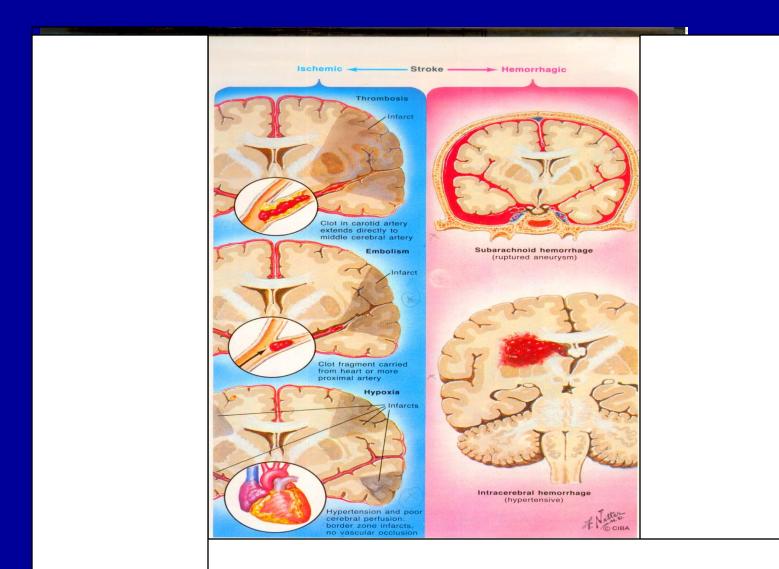




Atherosclerosis



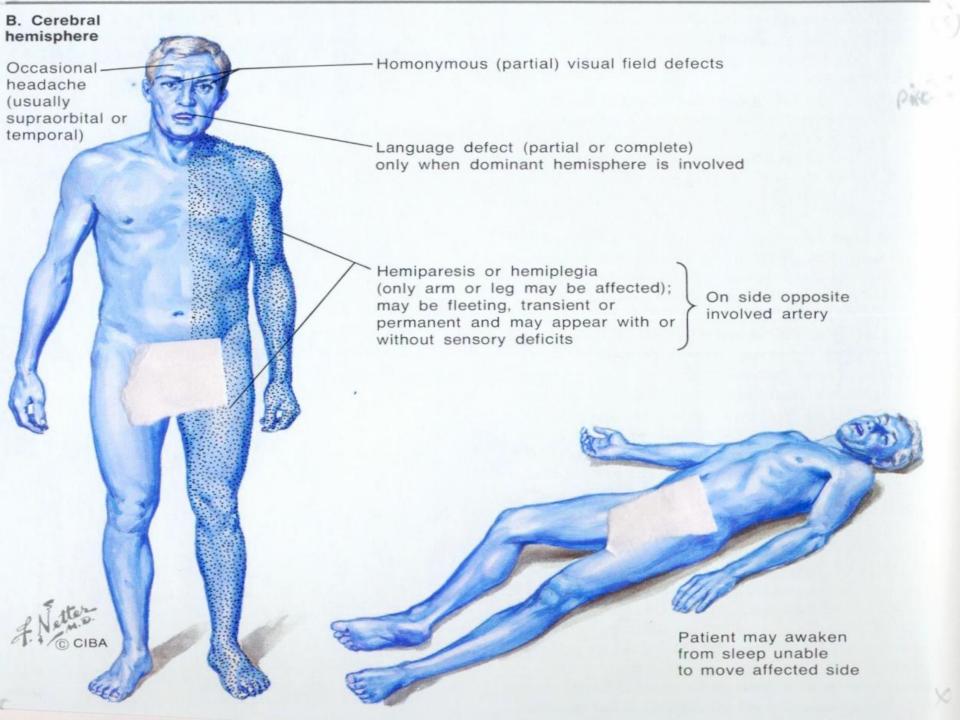
"Brain attack" or stroke



Aetiology

• 80% - Cerebral Infarction

• 15% - Cerebral Haemorrhage



Abnormal eye movements (cranial nerves III, IV and/or VI). Horner's syndrome may be present



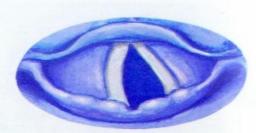
Motor and sensory deficits in face; unilateral, bilateral or alternating (cranial nerves V and VII)



Hemianopsia (frequently bilateral)



Headache, vomiting

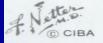


Dysphonia (cranial nerve X)

Altered consciousness (partial or complete) may be fleeting, transient or of long duration

Vertigo, ataxia; motor and sensory deficits, which may be unilateral, bilateral or alternating

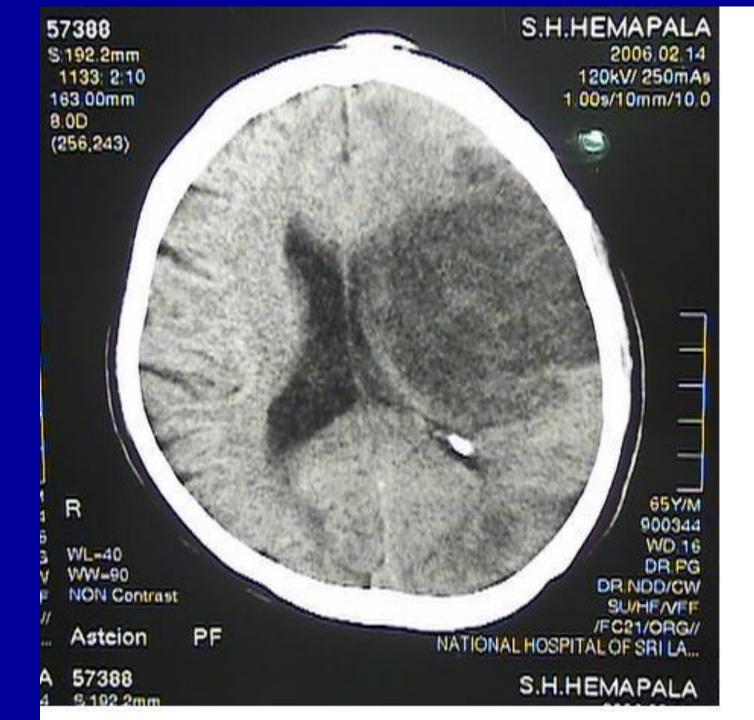
Dysphagia (cranial nerve X)



SYMPTOMS Contd....

Gradual loss of memory







K.M.SOYZA, , MRS 10310.....731109 *3/1/33

А

STUDY 1 3/1/05 7:55:03 AM 4 IMA 19

RF

TI 2500.0 TR 9000.0 TE 113.0 TA 02:42*2 M UR TP 0 SP H34.0 SL 5.0 FoV 201*230 224p*256s Tra>Sag(3,6)

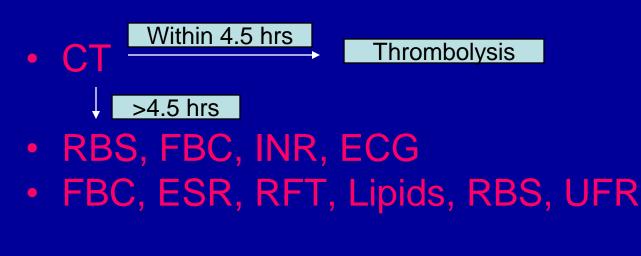
5cm







Management

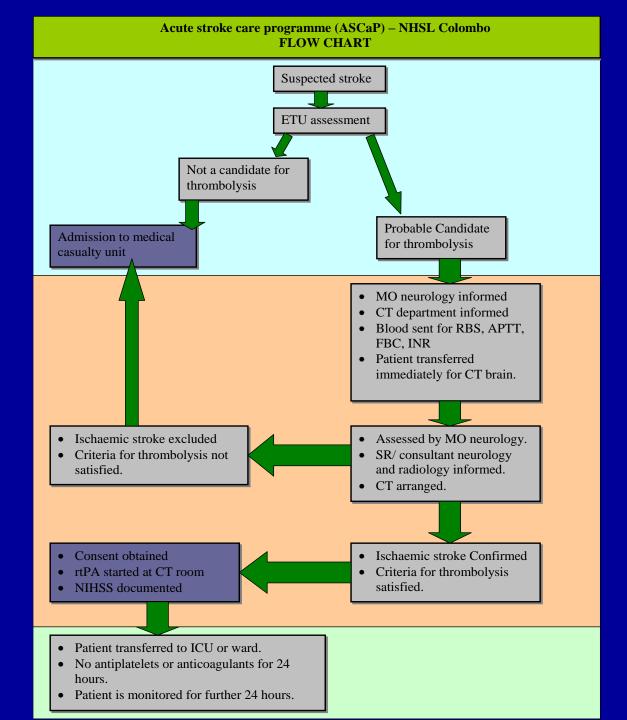


- Nutrition
- Nursing
- Rehabilitation
 - Physiotherapist
 - Occupational therapist
 - Speechtherapist

Specific treatment

- Thrombolysis with rt-PA within 3 hrs
- Antiplatelet
 - Aspirin
 - Clopidogrel
 - Dipyridamole
- Oral anticoagulants

 For cardiac source of thrombo embolism



RESULTS

Absolute benefit between 11% and 13%

Relative benefit between 30% and 50%

For every 100 patients treated with rtPA according to NINDS protocol, 11 more patients will achieve favourable out come

Stroke Units

 Multidisciplinary team of health care professionals, providing organized in patient care, in a defined area.

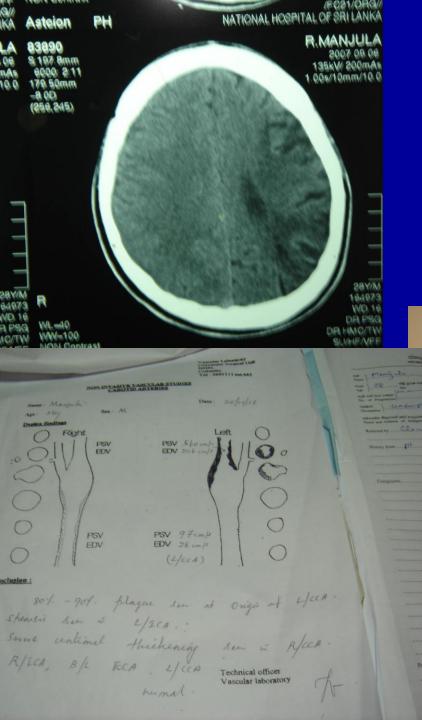
 There is a significant improvement in short term and long term outcome measures.(death, disability, dependency and hospital stay)

Stroke Team

- Medical Oficer
- Nurse
- Physiotheapist
- Speech theapist
- Occupational therapist
- Social worker
- Counselor

Secondary prevention

Rehabilitation



















Prognosis

- Further stroke attribute to 25% of deaths
- 10% die within 30 days
- 50% remain disabled after 6 months
- Heart disease is the commonest cause of death
- 30% functionally dependent at 1 year





THANK YOU