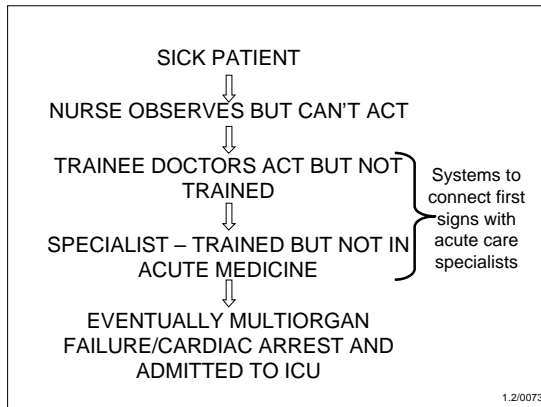




PHYSICIAN LED TEAMS

DEPENDS ON WHICH PHYSICIANS!

1/0245



ACUTE MEDICINE

Acute medicine practised by untrained, poorly supervised junior staff at 2 am

1.5/0002

UNDERGRADUATE CRITICAL CARE TRAINING

- Little knowledge
- Little skills
- Little confidence

Harrison et al Anaesth/Int Care 1999;27:53

1.2/0009

RESPONSE TO “SICK” PATIENT - 2007

- Little training in what is “sick”
- Little formal response to at-risk patients
- Almost no undergraduate or post graduate training in what to do when “sick” ie advanced resuscitation
- Little data collection on “sick” patients
- Little feedback to improve system

1/0133

REFERRAL SYSTEM

SPECIALIST (1) ⇔ SPECIALIST (2)

- 1-3 days response
- Resuscitation requires 1-3 minute response

1/0034

PROBLEM

- 90% of cardiac arrests
- 50% of non-NFR deaths
- 70% of unexpected ICU admissions

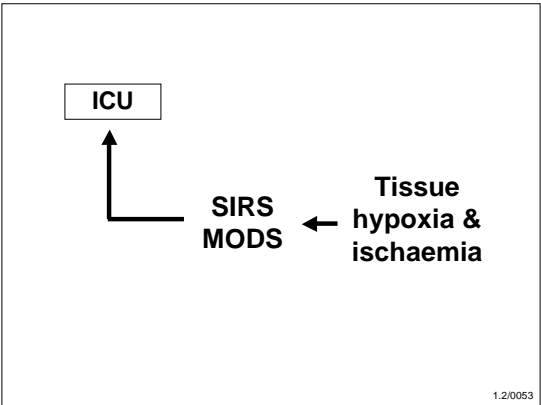
are preceded by at least 8 hours of slow deterioration

1.2/0003

MT SINAI LIVER TRANSPLANT UNIT SHUTS

- Transplant patients on general ward overseen by 1 junior resident
- Vital signs recorded and not communicated
- Surgeons in operating theatres not wards
- 78 deaths on same ward investigated

1/0191



ESTABLISHED ORGAN FAILURE

Cascade of cytokines has been irreversibly set in motion

1.2/0052

ONE SOLUTION

Bring back the “good old days”

- Educate students in acute medicine
- Universal courses in acute medicine for junior hospital doctors
- Universal training for all specialists in care of the seriously ill
- Train every nurse in how to recognise and manage the at-risk patient

1/0247

WHO IS IN MY TEAM?



1/0183

MET RESPONSE

Cardiac arrest team initially:

- Intensive Care Registrar
- Medical Registrar
- Miscellaneous junior doctors and nurses
- ± Intensive Care Specialists

1/0110

RESPONSE TEAM

- Home team representative with background information on patient
- 1 doctor
- 1 nurse

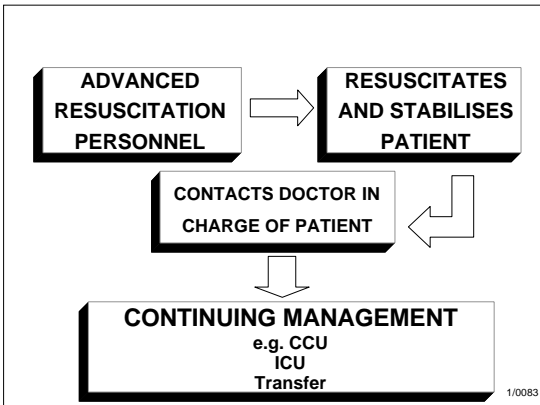
} with appropriate skills

1/0248

RESPONSE TEAM

Must be trained in all aspects of acute resuscitation not just CPR

1/0249



DESKILLING GENERAL WARD STAFF

1/0168

MET RESPONSE

SOUTH WESTERN SYDNEY AREA HEALTH SERVICE (SWSAHS)

780,000 population
1 Tertiary University hospital
3 Metropolitan hospitals
2 Rural hospitals

1/0085

MET RESPONSE

- 10-15 doctors or nurses from each hospital
- **ADVANCED RESUSCITATION COURSE (ARC)**
 - 6 months self-directed theory
 - 6 months skills (76)
 - 3 day evaluation
 - maintenance programme

1/0084

ADVANCED RESUSCITATION COURSE

- 180 page manual
- 76 skills on mannequins and in ORs

1/0250

SMALL RURAL HOSPITALS IN AUSTRALIA

Local ambulance officers
are MET team leaders

1/0251

CONCLUSION

Not all physicians are
competent in resuscitation

1/0252

WHO IS IN MY TEAM?

At least one person 24/7
who has
total range of resuscitation
skills

1/0252

