



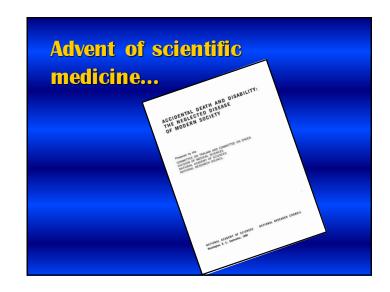




## **'Prehospital Care' – Birth notice**

- ▶ Difficult to establish with accuracy
  - Father Ron Stewart "Not sure"
  - Sibling Walt Stoy "not clear"
  - Storyteller James Magenza "Don't know"
  - EMS Agenda for the Future 1996 not defined





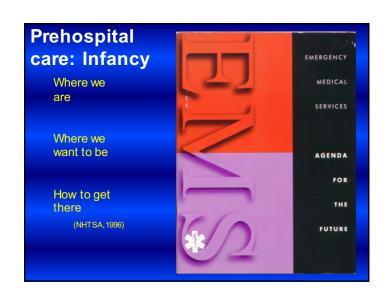


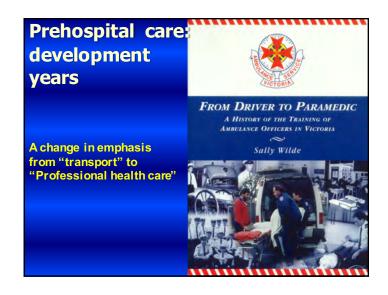
# CRUCIAL BREAKTHROUGH.. Emergency Medicine accepted as a specialty 1979 (USA) AND 1984 (Canada) ...and EMS as a sub-specialty in 2010 ...and rise of 'sibling' organisations as well

## **Prehospital Care: Neonate**

- ▶ Goals of an EMS System
  - To get the right response
  - To the right patient
  - In the right timeframe
  - With the right decisions on initial care and destination
  - To obtain the best outcome for the patient
  - In a cost-efficient & co-ordinated manner, &
  - To do it better next time.

## 'Prehospital Care' — Birth notice Conceived by the 'union' of: "Accidental Death and Disability the Neglected Disease of Modern Society" National Research Council USA 1966 (trauma father) "Mobile Intensive Care Unit in the Management of Myocardial Infarction" Lancet UK 1967 (cardiology mother) 'Bastard child' of Emergency Physicians (USA) and the US DOT − 1970's? Adoption of the term 'Paramedic' in Australia formally announced by CAA in 1996





## Prehospital care: adolescence Adolescence is that period when: one is looking for self actualisation' – 'self identity' One experiences / experiments with different models of life And so with prehospital care adolescence Different models of exploring the future have emerged





## "Frequent flyers": Abusers or with "Special Needs"

- ► Emergency department frequent flyers: unnecessary load or a lifeline?

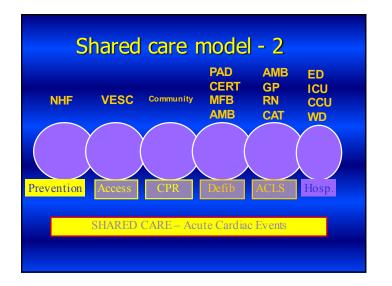
  (Fulde)
- ► <a href="http://www.mja.com.au/public/issues/">http://www.mja.com.au/public/issues/</a> 184 12 190606/ful10325 fm.html
- ► The effect of multidisciplinary case management on selected outcomes for frequent attenders at an emergency department (Phillips)
- ► <a href="http://www.mja.com.au/public/issues/">http://www.mja.com.au/public/issues/</a> 184 12 190606/phi10899 fm.html

## Social Support/ Welfare Model

- ► A new concept, not yet developed
- ➤ In response to observations: 4th highest call to MAS "non-sick" person
- Respond to "health crises", not emergencies, acute but not life threat
  - Cultural needs differ
  - Different concepts of "emergency"
  - There is a welfare component of many ambulance calls
- Potential for "Emergency Social Work Team"? (like emergency psych teams CAT)
  - Is the current service appropriate?

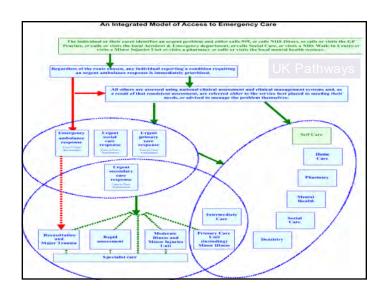
### **Shared Care Model**

- ► Examples:
  - General practice: practice nurses & GP's
  - Obstetrics: midwives, GP's & obstetricians
  - Mental health: psychologists & psychiatrists
  - AV Referral Service (2008)
- ► The complexity of health care and associated costs are forcing new models and partnerships:
  - Multidisciplinary, cost efficient
  - Community-based



### Alternate dispositions models

- ▶ Primary care partnerships case management, mainly chronic illness
- Prevention: eg falls assessment and early intervention
- ▶ There are now others in this space -
  - Medical Assessment Teams
  - HARP program
- ▶ Self / Professional shared care
- ► COAG more flexible workforce!!!!!





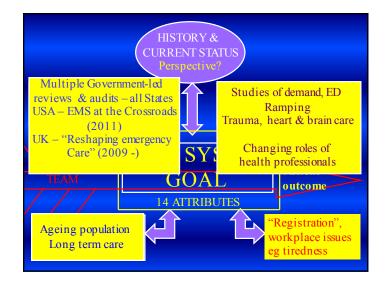
## Expanded scope/role substitution models

- ▶ Physician assistant
- ▶ Nurse practitioner
- ▶ "Paramedic Practitioner"
- ► Community paramedic
  - International Roundtable on Community Paramedicine <a href="http://www.ircp.info/">http://www.ircp.info/</a>
- ▶ Remote area Paramedic
- ▶ Industrial paramedic
- ▶ Military paramedic
- ▶ Humanitarian paramedic



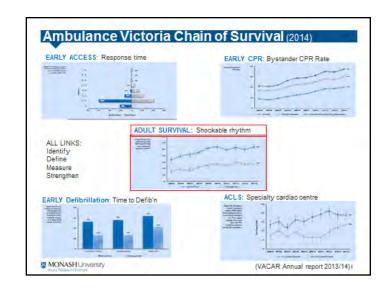














## A glimpse of the future will show...

Emergency health services will encompass much more and be more diverse....

### **Australian Health Reforms**

- ► National Preventative Health Strategy, Australia: The Healthiest Country by 2020
- ▶ Medicare Locals, now to be 'Primary Health Networks' – co-ordinate and purchase primary health services, improve access and outcomes
- ➤ National Health and Hospitals Reform Commission Report (2009) Commonwealth Government take responsibility for the policy and public funding of primary health care services (Ambulance is State funded)

## The Health Reform of the 2000's

\*Based on changes in:

- -Governance and structure
- -Emphasis- "prevention better than cure"
- -De-institutionalization
- -Reemphasis on "National Health Acts"
- -Regionalisation
- -Creation of a "safety net"- EHS-with plans for...



The beginning of the SECOND REFORM WAVE requires

74E RENEWAL 07 PRIMARY CARE

As a common theme in our various countries

## The new primary care -1

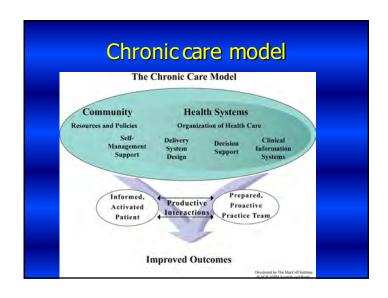
- ► To build such a modern primary health care system, there are 5 key building blocks:
  - Regional integration
  - Information and technology, including eHealth
  - Skilled workforce, and appropriate care
  - Infrastructure
  - Financing and system performance

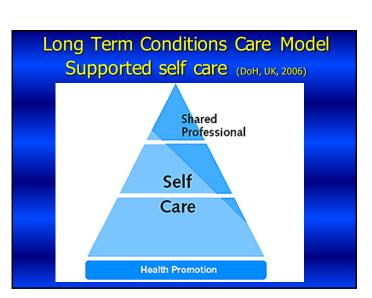
## Definition – primary care

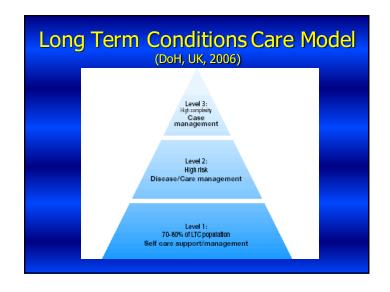
- ➤ Primary health care is socially appropriate, universally accessible, scientifically sound first levelcare provided by health services and systems with a suitably trained workforce comprised of multi-disciplinary teams supported by integrated referral systems in a way that; gives priority to those most in need and addresses health inequalities; maximises community and individual self-reliance, participation and control; and involves collaboration and partnership with other sectors to promote public health. Comprehensive primary health care includes health promotion, illness prevention, treatment and care of the sick, community development, and advocacy and rehabilitation.
- http://www.yourhealth.gov.au/internet/yourhealth/publishing.nsf/content/nphc-draftreportsupp-toc

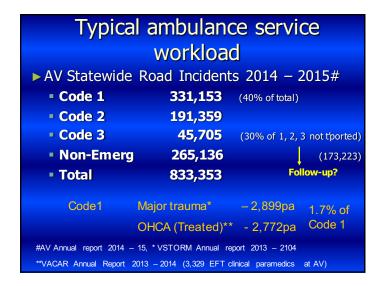
## The new primary care -2

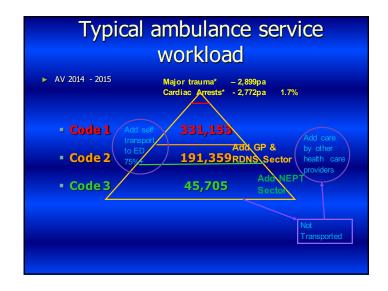
- ▶ Drawing from these are 4 priority directions for change:
  - Improving access and reducing inequity
  - Better management of chronic conditions
  - Increasing the focus on prevention
  - Improving quality, safety, performance and accountability
- ▶ Patients assigned to 'medical homes'???
  - Continuity of care

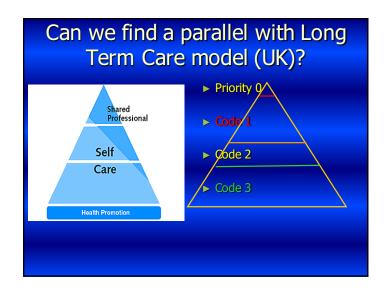


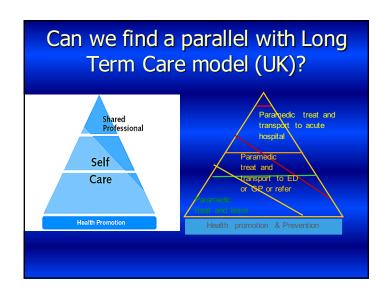




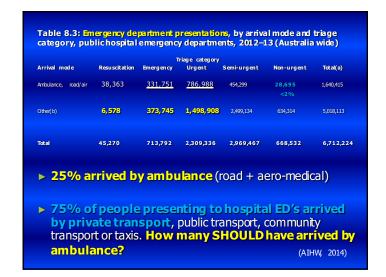




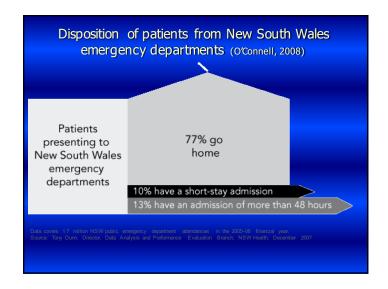




"AV should reaffirm its role as a provider of emergency services by focusing the efforts of its direct workforce more heavily on acute patients requiring emergency pre-hospital care and transport" (AV Annual Report, 2014 – 2015)



## In summary Small % of ambulance workload is actual 'life threat' 30% of Code 1,2 or 3 are not transported, but what follow-up? 25% of ED attenders arrive by ambulance 77% of ED attenders are discharged home The community is the 'ultimate emergency care unit' (with apologies to the past!!)







## Challenges 2

- ► A sustainable model, crafted within primary health care, is required to structure and develop Community-Based Emergency Health (CBEH)
  - Acknowledge and support the key role of GP's
  - Understand and develop an appropriate funding model within our respective National health systems
  - THE IRCP IS WELL POSITIONED TO LEAD THE DEVELOPMENT OF AN INTERNATIONAL MODEL
    - ▶ Synthesise a model from your current efforts
    - ► Form a committee, fund a contract, eg the development of the EMS Research Agendas (USA, Canada)

## Challenges 1

- ► Traditional Ambulance / EHS should relate more to Primary Health Care – not necessarily embedded in it.
  - The problem of ED access block is in the community, not in the ambulance service
  - The community is the ultimate 'emergency care unit' (with apologies to the past...)
  - Establish a research focus on 'unscheduled (urgent) community-based primary health care (with the same resources and enthusiasm as the trauma, cardiac registries)

## Challenges 3

- ➤ Within this (eventual) model, there will be (are) 'lots' of opportunities for the Community Paramedic an exciting time!!
  - But, <u>outside</u> the traditional ambulance / EMS
     / EHS system, but complementary to them
  - The fundamental key to the evolution of the community Paramedic in a model of CBEH is PROFESSIONAL REGISTRATION.
    - ► The IRCP is well positioned to effectively lobby for this objective and
    - ▶ To aim for international reciprocal recognition

## Challenges 4

- ► Re-develop multi-disciplinary education programs to meet the needs
  - Attitudes to this emerging context
  - Community education and support
- ► The IRCP is well positioned to effectively lobby and lead this objective
  - ► The International Masters in Emergency Primary Health Care

"We are witnessing our EHS world changing; as leaders and clinicians-in-the-trenches we need not only to anticipate change, but also to encourage it through research and solid educational methods and curriculum content reflecting evidence-based practice. Pre-hospital care, as we know it, is but a part of how EHS can contribute to the welfare of our citizens and ourselves. We are indeed seeing an end...and in that, is our beginning."

Ron Stewart, TROP Conference, Melbourne 2015

## Daniel Spaite Controversy: Does 'Prehospital care' have no hyphen or 1 hyphen as in 'Pre-hospital care'? Controversy solved: It has 2 hypyens As in 'Out-of-hospital care' I prefer "Community-based Emergency Health' (CBEH)or "Emergency Primary Health Care"

