

# IMET 2000 PAL

International Medical Education Trust - Palestine

## Burn Injury

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# Aim over the next few hours

1. Model of burn care
2. Understanding the management of a patient with a burn injury
3. Burn wound management - DVD followed by discussion

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# Model of Burn Care for Palestine

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# Burn Injury

- ▶ Burn Injury has a devastating potential and requires multi-professional team working to achieve optimal results
- ▶ Burn injury is common, particularly in children under 3



# Criteria for Burns Management

Treatment Goals are to restore:

- ▶ Form  
skin contour, texture and colour
- ▶ Function  
range of movement
- ▶ Feeling  
facilitating psychological recovery

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# 7 Phases of Management

- ▶ Rescue
- ▶ Resuscitate
- ▶ Retrieve
- ▶ Resurface
- ▶ Rehabilitate
- ▶ Reconstruct
- ▶ Review

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# To achieve this.....

- ▶ Facilities
- ▶ Staff
- ▶ Resources
- ▶ Education and training

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**Multidisciplinary approach to care**

# The UK situation

- ▶ 1998
- ▶ British Burn Association
- ▶ Department of Health
- ▶ Professional bodies + patient groups

Proposed radical review of burns services



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# Review the problem - UK

- ▶ Burn care provision ad hoc, disorganized and inequitable, particularly where critical care is needed
- ▶ Admission to general hospitals under care of non burn specialists
- ▶ Too many units admitting on an infrequent basis
- ▶ Urgent issues regarding critical care provision for children with severe burn injury
- ▶ No burn rehabilitation beds to optimise functional and psychological recovery
- ▶ No national major incident plan
- ▶ No detailed data

# Model of Burn Care in UK

- ▶ National Burn Care Review (2001)

'Standards and Strategy for Burn Care'

“Recommend realistic changes in the provision of burn care that will move towards equity of access, efficient and effective care for all injury severity groups and all ages, both at times of normal workload and in the event of a major incident”

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# Recommendations

- ▶ Uniform national clinical management and referral guidelines
- ▶ Inpatient provision for burn injuries to be provided by specialists
- ▶ A new structure of burn care services (centres, units, facilities)
- ▶ Critical care provision
- ▶ Rehabilitation services integrated with acute care
- ▶ A network of burn injury services across the UK
- ▶ Research and development
- ▶ Improved data gathering and information analysis

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# Progress

- ▶ 1998 - BBA received support from DOH et al to review burn care arrangements
- ▶ 2001 - 'National Burn Care Review' Document
- ▶ 2004 - National Burn Care Group formed
- ▶ 2004 - Burn Care Standards

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- ▶ National Burn Bed Bureau
  - ▶ Major Incident Document
  - ▶ NBID (IBID)
  - ▶ Clinical networks - designating burn centres, units and facilities

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# Designation

## ▶ Burn Centre

- ▶ This level of in-patient burn care is for the highest level of injury complexity and offers a separately staffed, geographically discrete ward. The facilities are up to ICU level of critical care and have immediate operating theatre access.

## ▶ Burn Unit

- ▶ This level of in-patient burn care is for the moderate level of injury complexity and offers a separately staffed, discrete ward. The facilities are up to HDU level of critical care and operating theatre access suitable for the case mix.

## ▶ Burn Facility

- ▶ This level of in-patient burn care equates to a standard plastic surgical ward for the care of non-complex burn injuries

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# IMET 2000 PAL

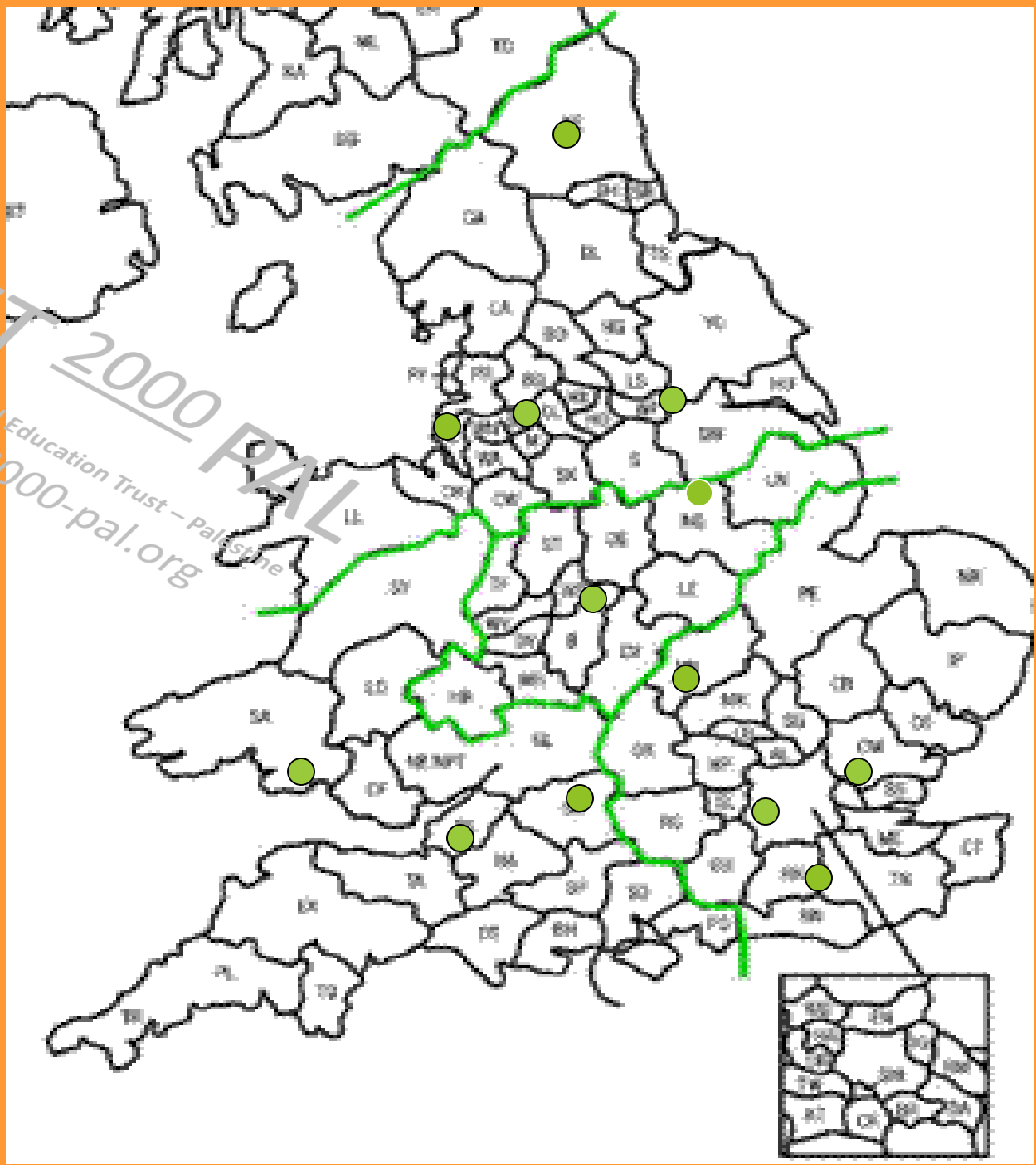
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Burn centres



Burns units



# Standards

Over 230 separate standards, within 13 sections of the international burn care standards (2004)

- 0 Infrastructure
- 1 Patient Centred Care
- 2 Multidisciplinary Team
- 3 Access & Diagnosis
- 4 Burn Care
- 5 Paediatric Issues
- 6 Physical & Occupational Rehab
- 7 Psychosocial Rehabilitation
- 8 Education & Training
- 9 Clinical Governance
- 10 Communication
- 11 Management and Organisation
- 12 Research & Development

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# Model for Palestine?

- 2009

Minister for Health requests review of burn services in Palestine

- August 2009

Medical Aid Palestine (MAP) and IMET 2000 arrange for review visit

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# Recommendations

## Geographical

### ▶ West Bank -

Burn service in the north, middle and south

### ▶ Gaza -

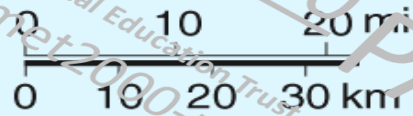
Burn Service in the north and south

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# PALESTINE: WEST BANK & GAZA

Under Israeli Occupation  
Since 1967

- 1949 Armistice (Green Line)
- █ Palestinian Authority
- █ Israeli control
- █ Wall/fence
- █ Roads
- Proposed burn services



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# Palestinian Burn Network

- Burn Standards (Palestine)
- Standardised protocols (referrals and management)
- Whole system data collection
- National approach to audit
- National approach to education and prevention
- Telemedicine

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# Training and education

- ▶ Basic emergency burns management training to all A&E's and family practice centres
- ▶ MOH hospital staff trained to assess and treat less severe cases
- ▶ Specialist nurse practitioner role

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# EMSB Emergency Management of Severe Burns

regular course run by British Burns Association



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# Vision for the future

Network of burn services for the people of Palestine

Thank you

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