

THE ROLE OF THE SPECIALIST AMBULANCE IN PARAMEDIC SERVICES - THE "MAMMA" EXPERIENCE

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رؤيتنا نسعى لأن تصبح دبي مركز التميز في خدمات الإسعاف والطب الطارئ.

Vision To present Dubai as an excellence center, in providing ambulance and emergency medical services

TRANSPORTATION AND ACCESS SPECIALTY



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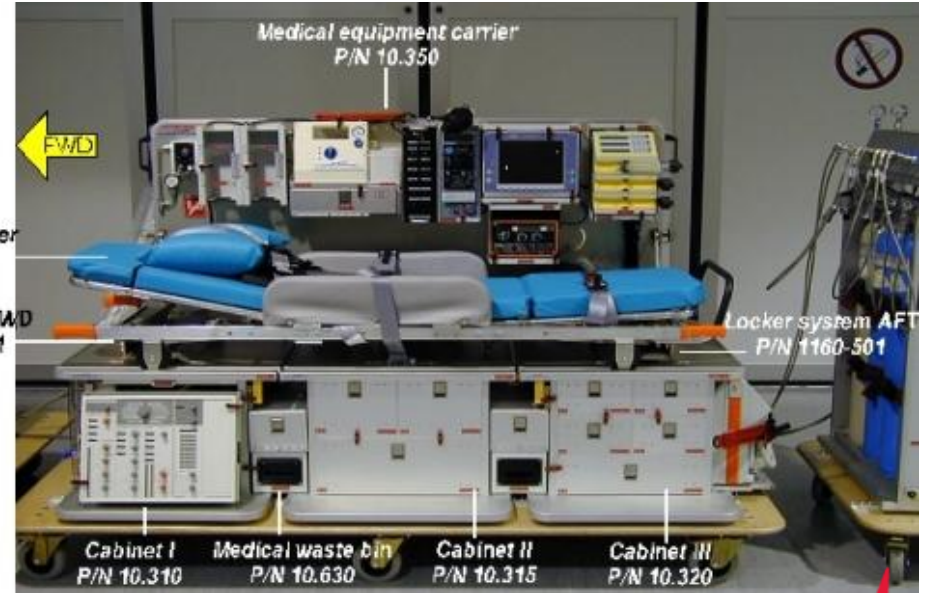
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ADVENT OF SPECIALISED SKILLS



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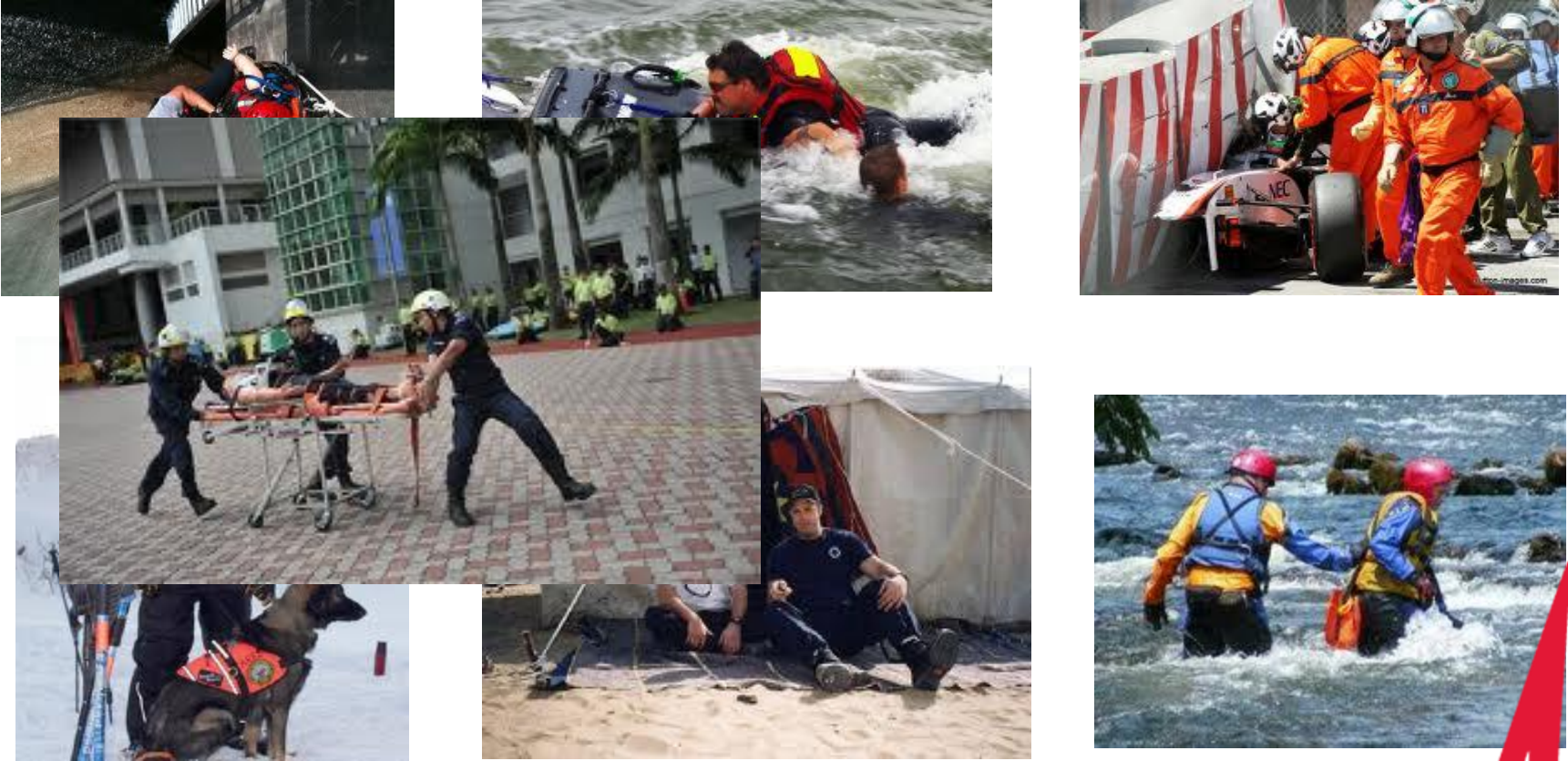
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SPECIALISED CLINICAL SKILLS



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COMMUNITY PARAMEDIC



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COMMUNITY PARAMEDIC



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Concept of Specialization not new

BCAS Ambulance

- Critical Care Transport Program
- Infant Transport Team

Concept of Specialization not new

United Kingdom

- Community Paramedics
- Critical care Paramedics
- Intermediate Care Paramedics
- A & E Paramedics
- Treat and Refer Paramedics
- Paramedic Practitioner
- Paramedic Consultant

MAMMA AMBULANCE



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Maternity and Child Care Unit

- Formed in 2009
- Objectives:
 - Address obstetric, gynecological and neonatal emergencies.
 - Address cultural and religious issues

Maternity and Child Care Unit

Staffing:

- Female only
- EMT/Paramedic
- Degree Nurse, Certificates in Midwifery, child health
- Experience in midwifery, obstetric and neonatal care
- Intense training program (6 weeks) at Latifa Hospital

Maternity and Child Care Unit

Dispatch protocol:

- Back up response to obstetric and neonatal calls
- Immediate response to any call life threatening (closest unit)
- Cultural/religious sensitivity
- Obstetric or neonatal transfers

Maternity and Child Care Unit

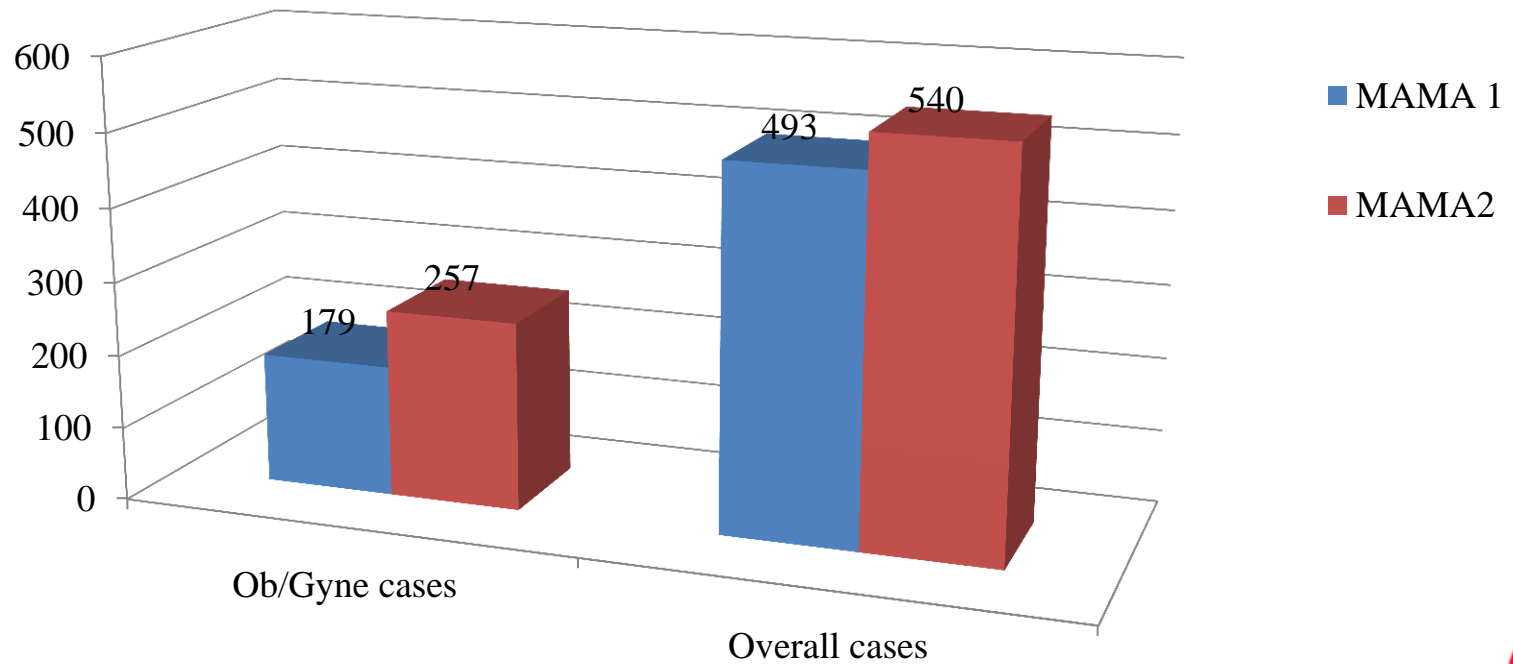
Equipment:

- Standard ambulance equipment
- Birthing kit
- Ultra sound
- Fetal monitor

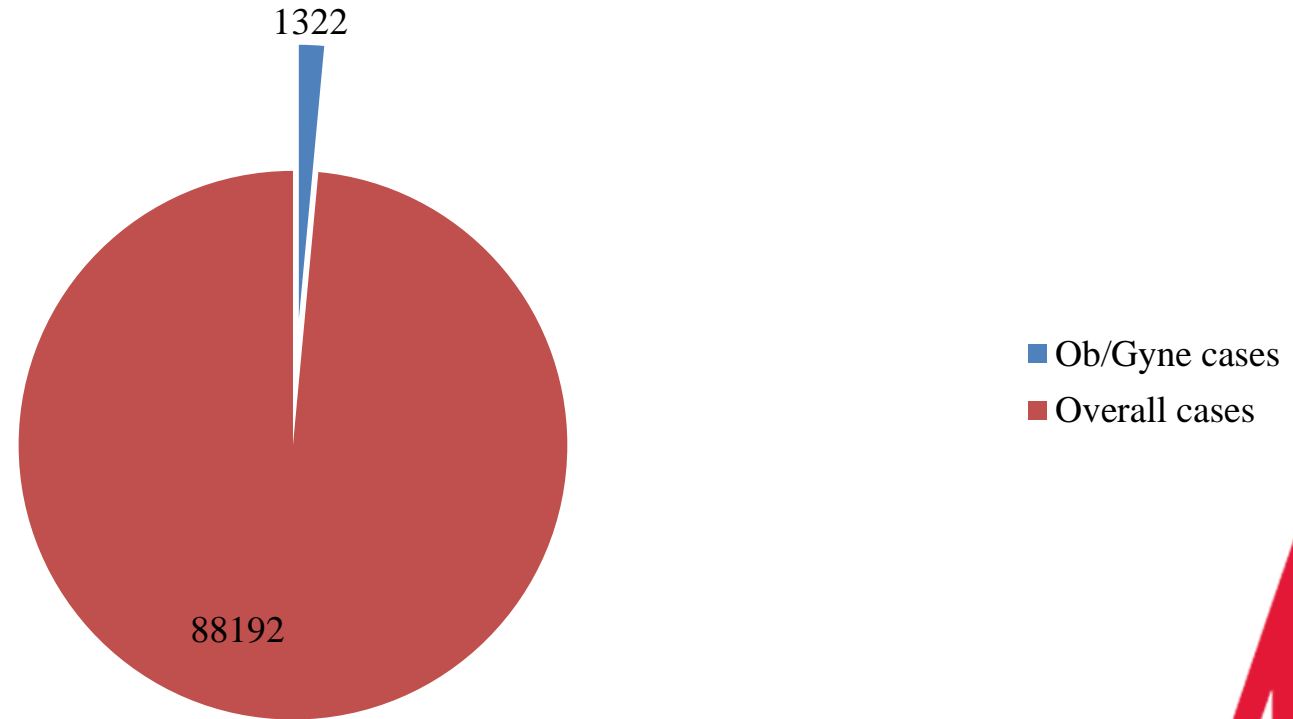
Case data

| Year | Total Patients | % Increase Obstetric/Gyn | % increase in total cases |
|------|----------------|--------------------------|---------------------------|
| 2009 | 778 | | |
| 2010 | 982 | 26.22% | 5.37% |
| 2011 | 1,478 | 50.51% | 15.16% |

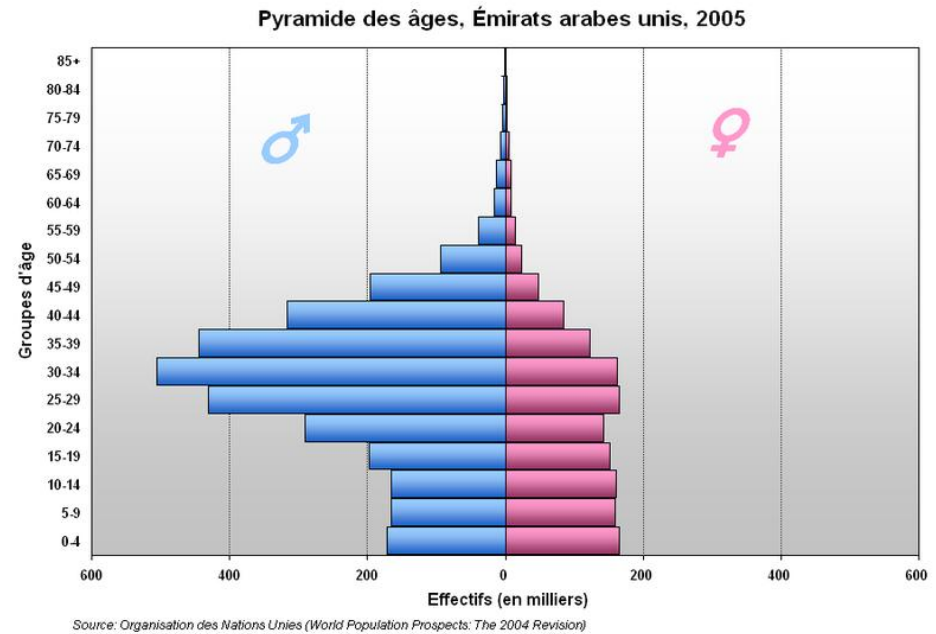
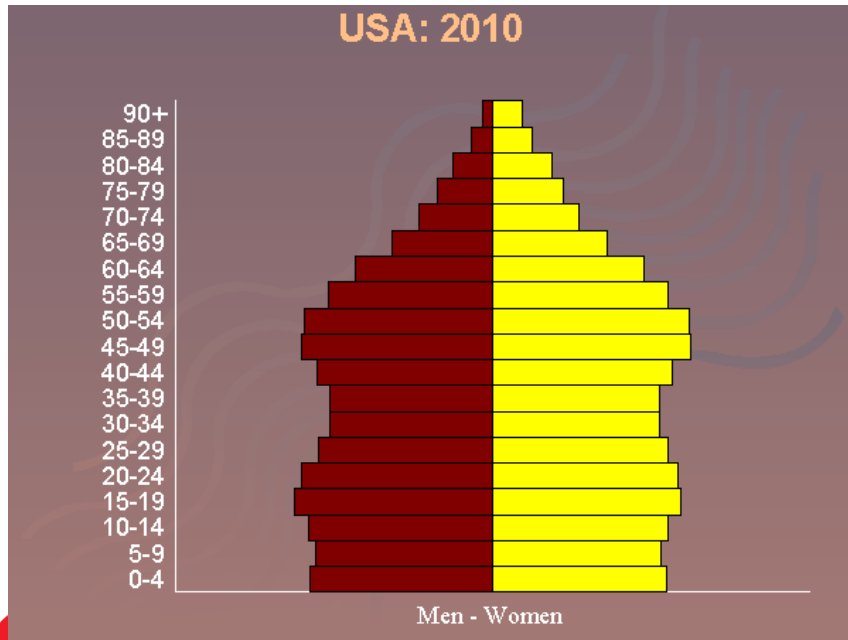
Total cases attended 2011



Obstetric vs Total Case workload



Understanding the .1 Population



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Discussion

ADVANTAGES:

- Improved patient care in specialized area
- Cultural and religious barriers overcome
- Preserves unit hour availability of “general emergency” ambulance

Discussion

DISADVANTAGES:

- Cost benefit unknown
- Outcome benefit unknown
- Could atrophy Paramedics general skills
- Paramedics on general ambulance not getting case exposure

Future

- Paramedic Services will continue to evolve into specialties similar to nursing and health care.
- Community need driven
- Will need evidence base analysis of benefit
- Challenge to the naming issue



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