



Leprosy

Update

Dr. Ali Mohammed Hussain
Leprosy focal point,
TB/Leprosy Control Program,
DCDSC, DGHA,
Ministry of Health, Sultanate of Oman



OMAN- Country Profile



Mid-Population-2008

- Population 2.8 m
- Expatriates 31.4%
- Regions 11
- Wilayat 61



Ministry of Health Policy

- The Leprosy diagnosis & treatment are carried out by all hospitals. In each hospital, the dermatologist & one nurse should be given responsibility of LCP activities in addition to their regular activities. Where dermatologist is not available, LCP should be integrated with the TB Control Program.
- The treatment is offered as an OP basis, only complicated cases & cases with gross deformity should be admitted or referred for admission. Treatment is fully decentralized.



Ministry of Health Policy

- All MOH and non-MOH institutions should carry on using these well proven standardized procedures & reporting systems in all their health facilities.
- That all house hold contacts of an indexed Leprosy case should be promptly screened and needs to be followed up annually for a period of 5 years.
- That retrieval & follow up of leprosy defaulters should be followed up by the catchment area were the patient lives.



Leprosy Control Program

- Leprosy has been a public health problem in Oman, in earlier years and is considered an age old scourge. With the implementation of the Leprosy Control with MDT from 1992 following the decision of WHA setting the goal of elimination of leprosy by the year 2000, the epidemiological situation has improved dramatically.
- Leprosy control activities were strengthened in 1991 through " Leprosy Control Program" in the 4th five year plan 1991-1995.
- Leprosy is no more a public health problem in fifth & sixth five year health development plans and so in the following years



Leprosy Control Program

- ❖ Several activities had taken place , such as National Leprosy workshops, Leprosy Manual, maintained well developed surveillance system, establishing a central registry with cross indexing system, Leprosy focal points at wilayats levels, increase awareness among Health Care Providers (medical & Para-medical personnel) including the medical students curriculum and increasing health education on leprosy in patients & their contacts, reducing stigmatization, Screening expatriates before entering Oman & every other year for communicable diseases, So with all of the above & many more activities 100% coverage by MDT was achieved



Leprosy Control Program

- Oman has already achieved the elimination target of annual incidence of leprosy among endogenous population of 1 or less per 100,000.
- As a result the number of leprosy cases declined dramatically over the years & in 2008 only a total of 7 leprosy cases were registered
- “2” cases (Zero PBL & two MBL) were detected among Omani’s with incidence rate of 0.10 per 100,000 Omani population.
- Among Non-nationals “5” cases were detected with incidence rate of 0.56 per 100,000 Expatriate population.



Leprosy Control Program

- There are total of 8 Omani patients who are on treatment till date , 7 of them are for MBL.
- Patients & the house hold contact are followed up regularly for 5 years.
- MDT coverage is 100 %
- Only one child was diagnosed as Leprosy.
- So far no relapse cases.
- Any case needing further prolongation of treatment should be carefully evaluated with respect to clinical and bacteriological features and treatment continued at the discretion of a senior dermatologist

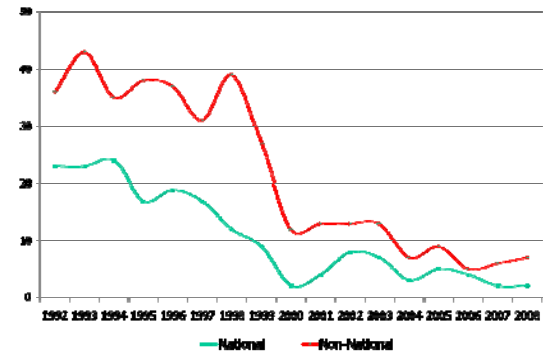


Leprosy cases among Nationals & Non-Nationals

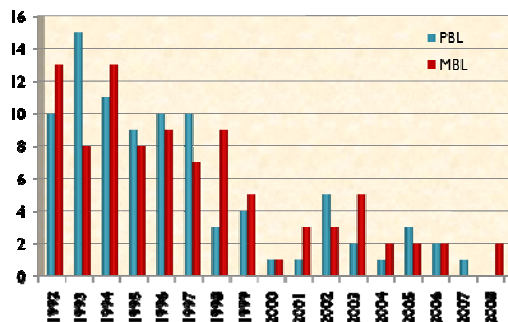
	National	Non-National
1992	23	13
1993	23	20
1994	24	11
1995	17	21
1996	19	18
1997	17	14
1998	12	27
1999	9	18
2000	2	10
2001	4	9
2002	8	5
2003	7	6
2004	3	4
2005	5	4
2006	4	1
2007	2	4
2008	2	5
TOTAL	181	190



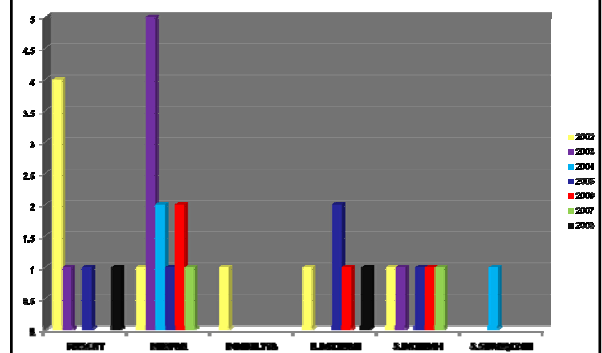
National & Non-national Annual Incidence of Leprosy cases reported, Oman 1992 - 2008



Incidence of Leprosy cases, Oman 1992 - 2008



Leprosy cases as per Wilayats





Leprosy Control Program

Conclusion:

- Political commitment needs to be strengthened
- MDT 100% uninterrupted
- Treatment of Leprosy needs to be integrated into PHC services.
- Health workers and community volunteers to treat leprosy.
- Encouraging self-reporting and early treatment by promoting community awareness and changing the image of leprosy.
- Monitoring the performance of MDT services, the quality of patient care, surveillance etc.
- A new environment, in which patients will not hesitate to come forward for diagnosis and treatment, must be created



Leprosy Control Program

Oman has achieved a lot

...and we strive to maintain these achievements...

Thank You