



The 2nd
**Rare Disease Asia
Conference 2016**

17 - 19 November 2016
Hotel Pullman Bangsar,

ORGANISED BY



MEDICAL PANEL: Definition & Challenges in Rare Disease Management

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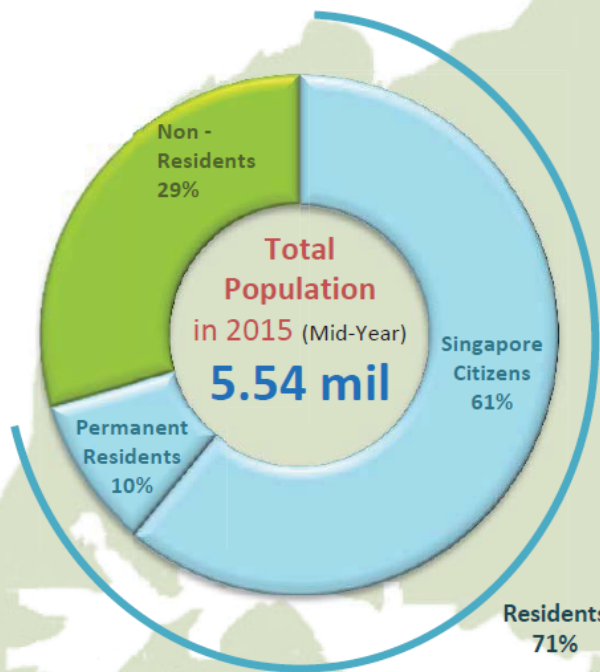
Singapore

- Size : 7.19 square km
- Population : 5.54 million
- Annual number of newborns : 42,185 (2015)

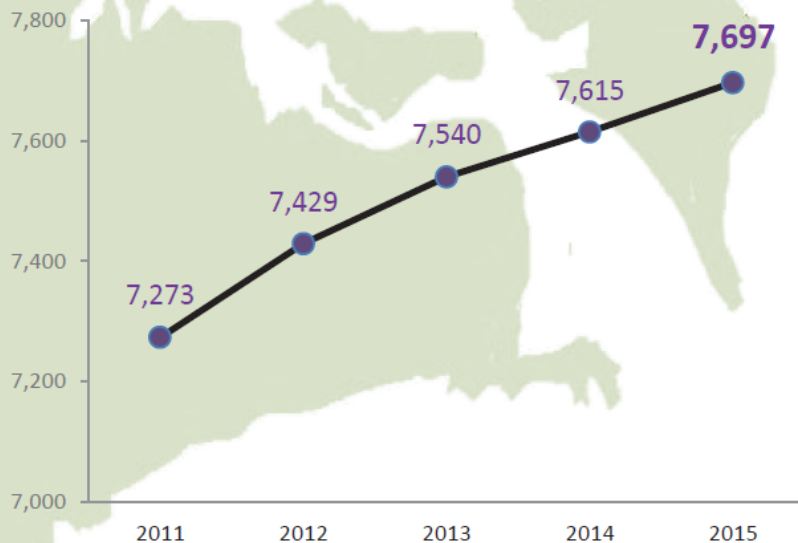


Singapore

Population Density



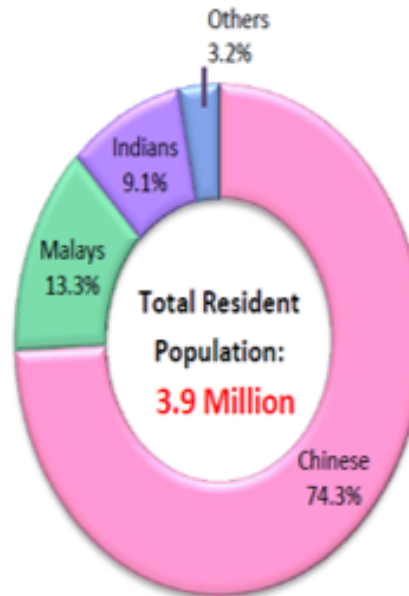
Persons Per Square Kilometre





Singapore

Ethnic Composition of the Resident Population, 2015





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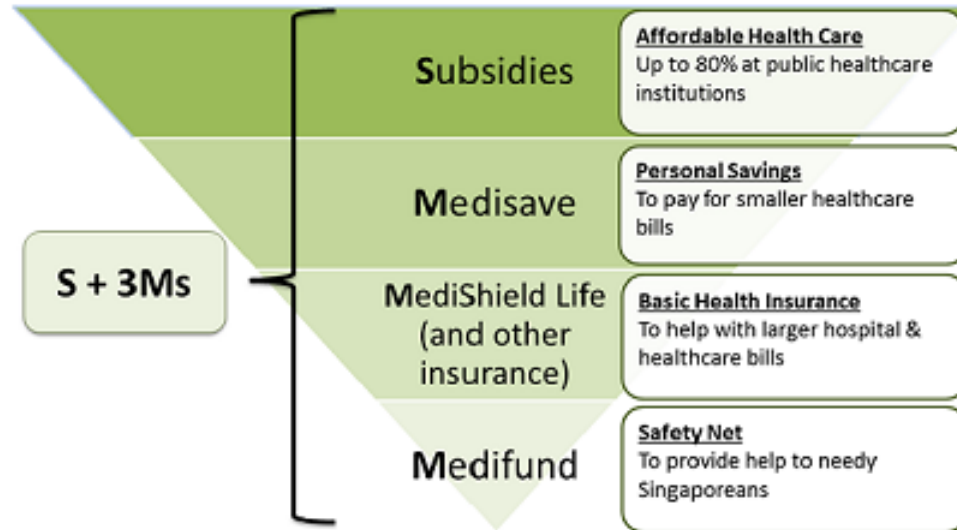


Singapore

- Primary healthcare
- 8 public hospitals
- 2 clinical genetics department



Healthcare funding





Definition of rare disease

- Orphan Drugs exemption order (1991)
- Rare disease is defined as a life-threatening and severely debilitating illness affecting less than 20,000 persons

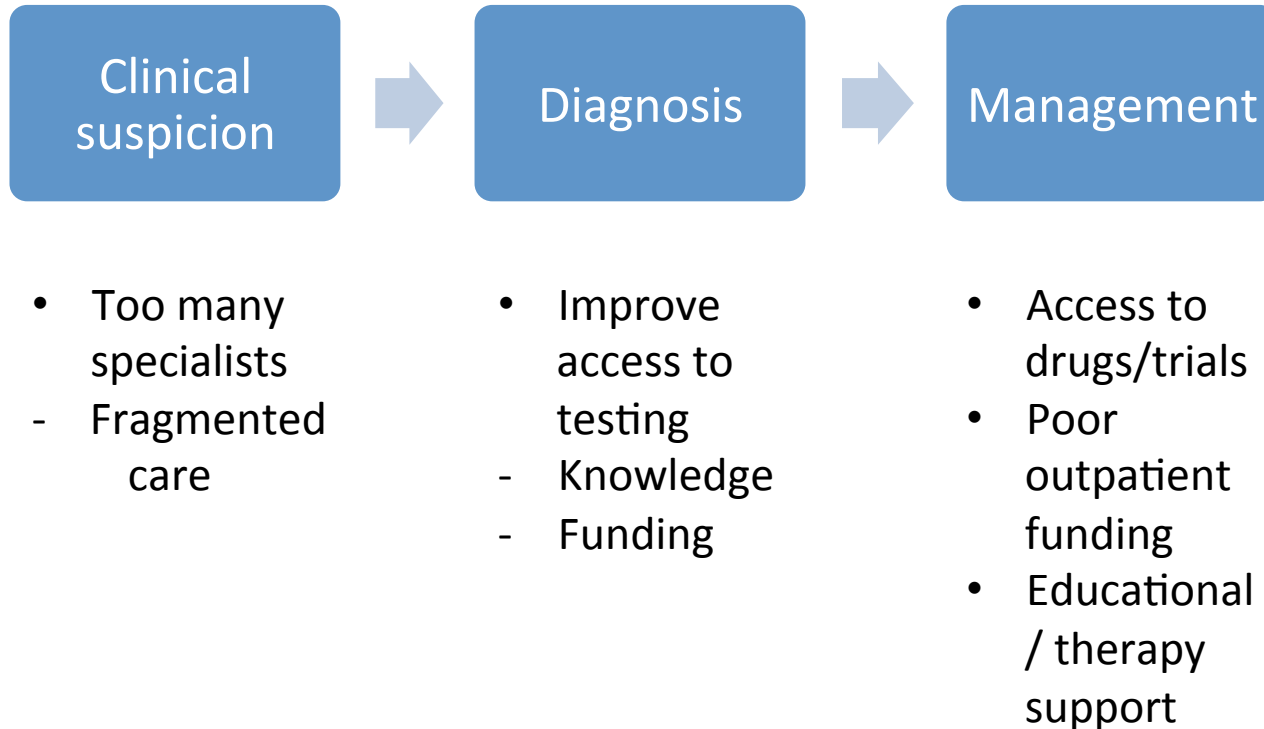


Challenges in definition

- No local data
- Not linked to subsidies or support



Challenges in management





Next steps for Singapore

- Local data – genetics registry and rare disease impact study
- Increase public awareness – patient groups
- ? Expand newborn screening panel
- Compulsory Education Act for special education (2019)

Thank you very much

