90-90-90 Program to control HIV/AIDS

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مرکز تحقیقات مراقبت اج آی وی و عفونت های آمیزشی، مرکز همکار سازمان جهانی بهداشت

Global summary of the AIDS epidemic | 2017

Number of people Total 36.9 million [31.1 million-43.9 million] living with HIV 35.1 million [29.6 million-41.7 million] Adults

Women (15+ years) 18.2 million [15.6 million-21.4 million] Children (<15 years) 1.8 million [1.3 million–2.4 million]

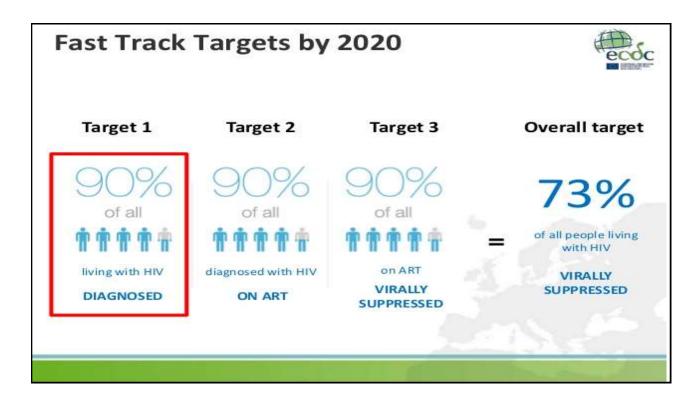
Total 1.8 million [1.4 million-2.4 million] People newly infected Adults 1.6 million [1.3 million-2.1 million] with HIV in 2017 Children (<15 years) 180 000 [110 000-260 000]

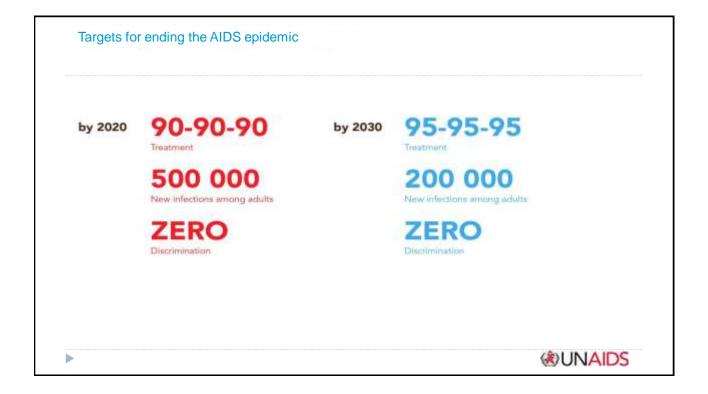
AIDS-related deaths Total 940 000 [670 000-1.3 million] Adults 830 000 [590 000-1.2 million]

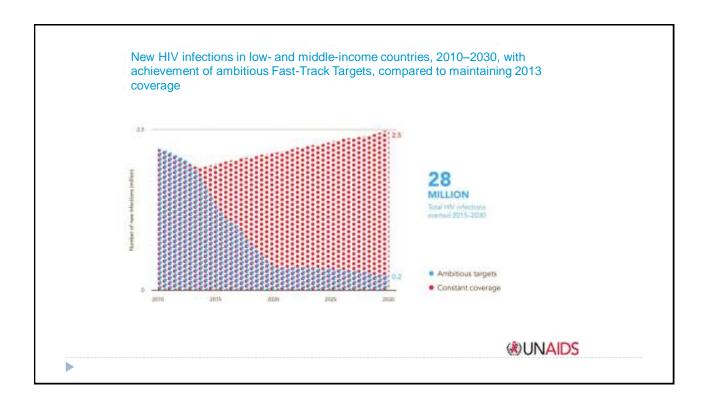
in 2017 Children (<15 years) 110 000 [63 000-160 000]

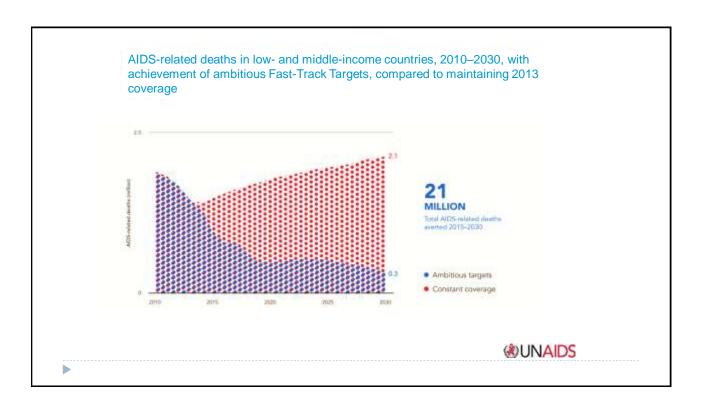
Global estimates for adults and children | 2017

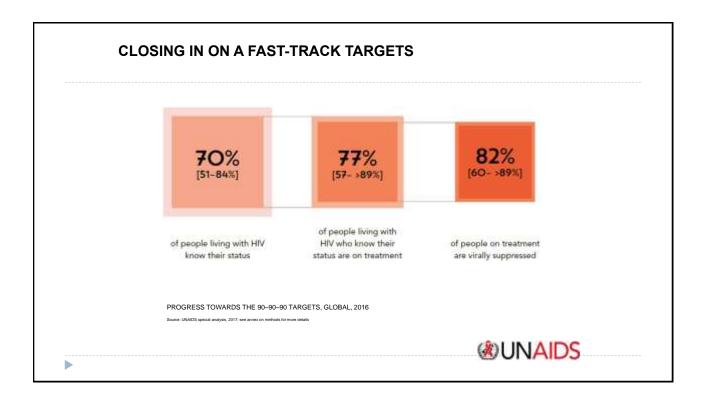
People living with HIV 36.9 million [31.1 million-43.9 million]

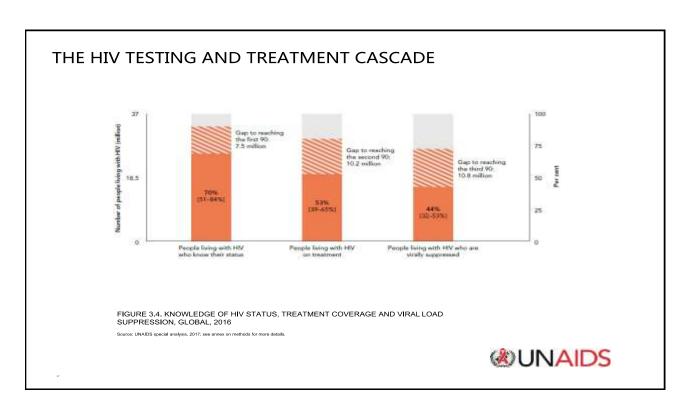


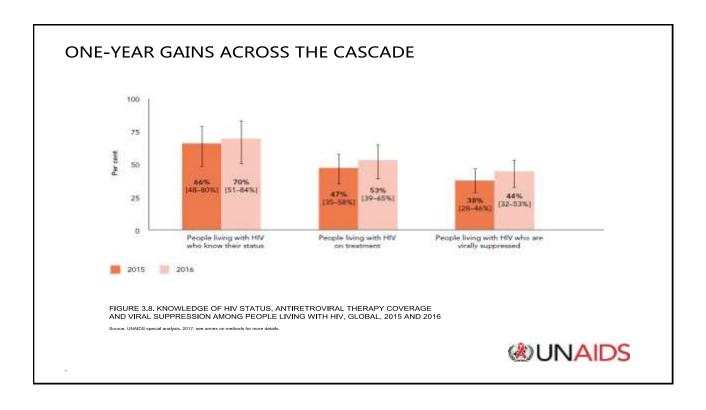


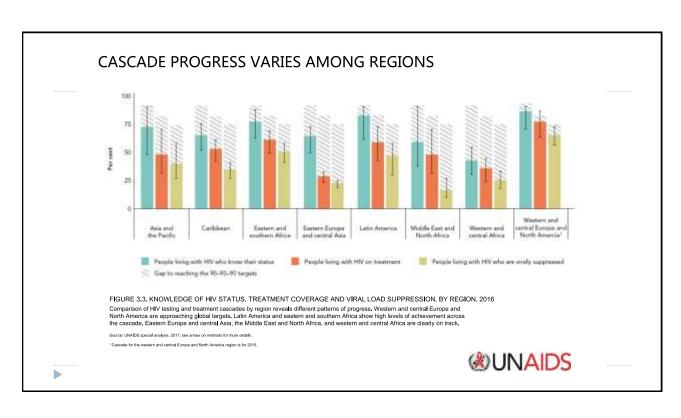


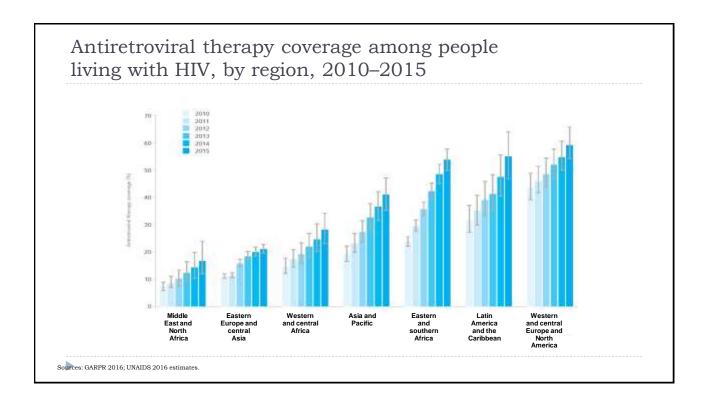


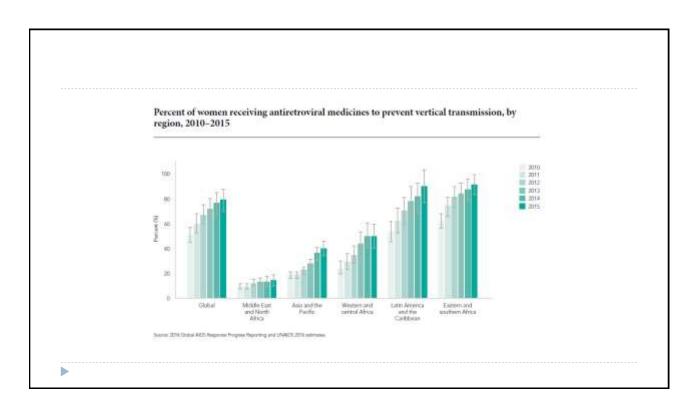


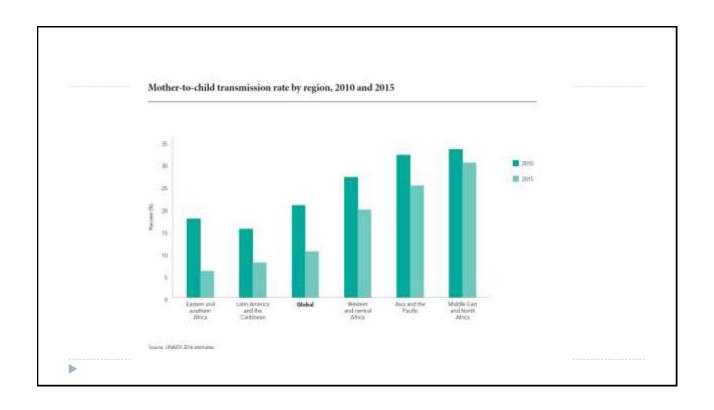


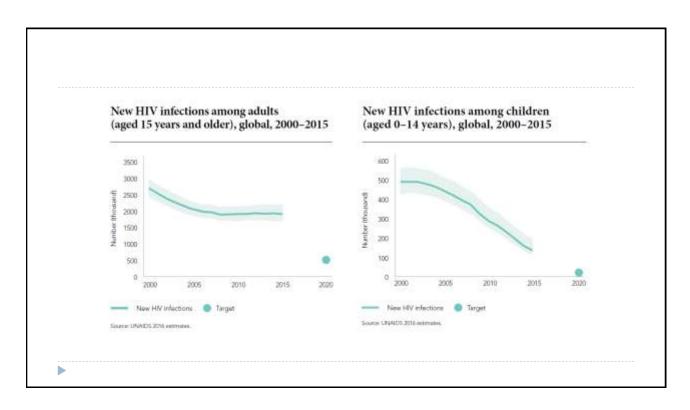


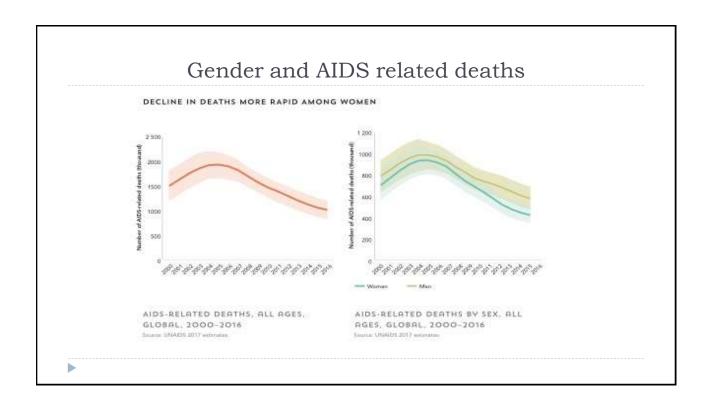


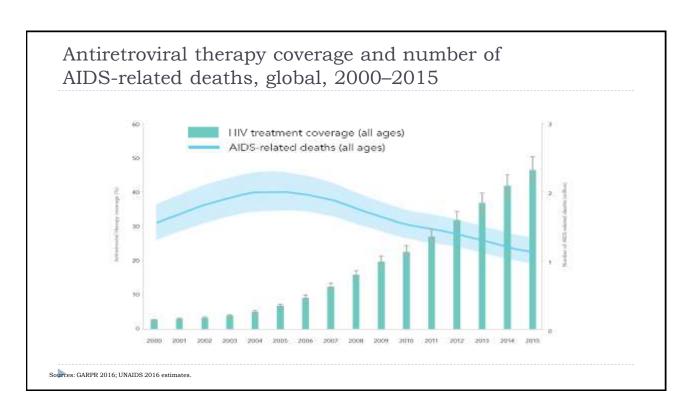


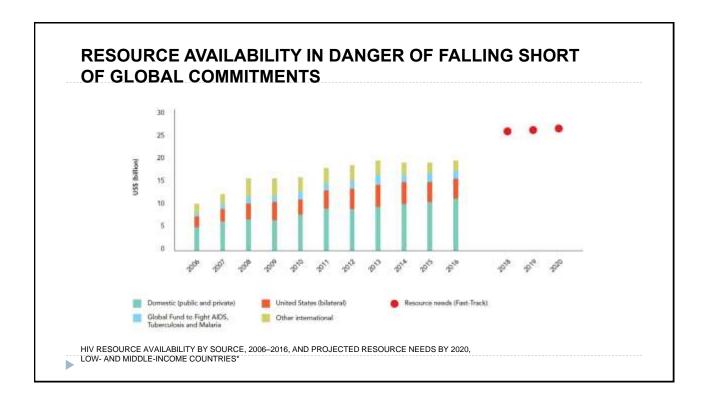


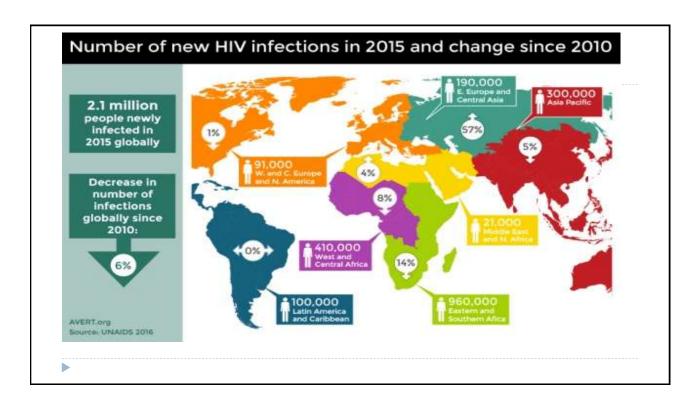


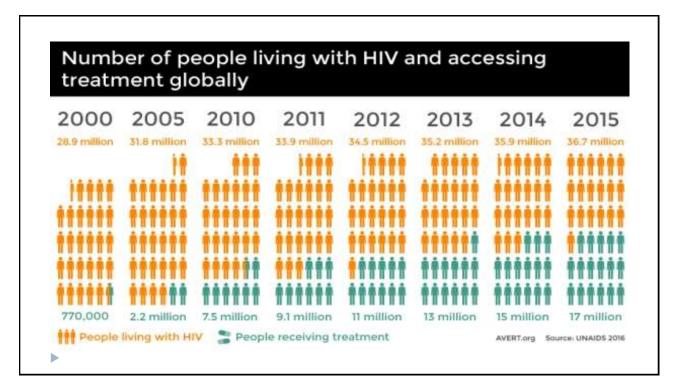








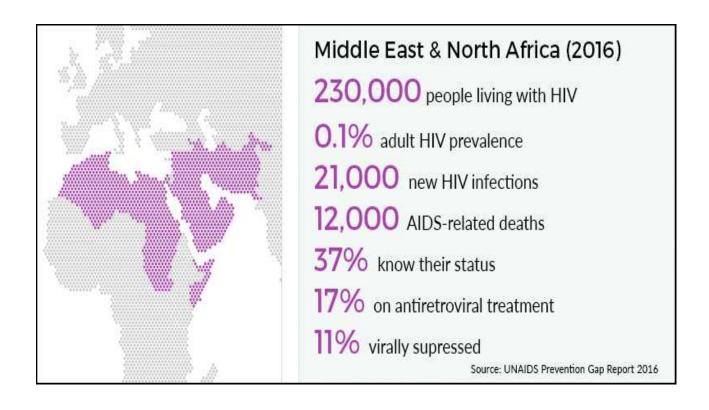


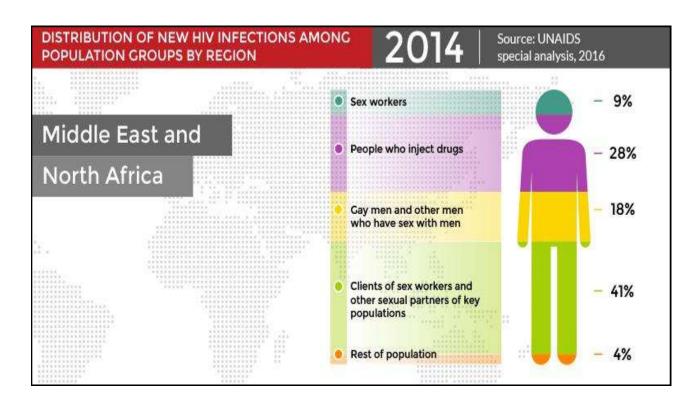


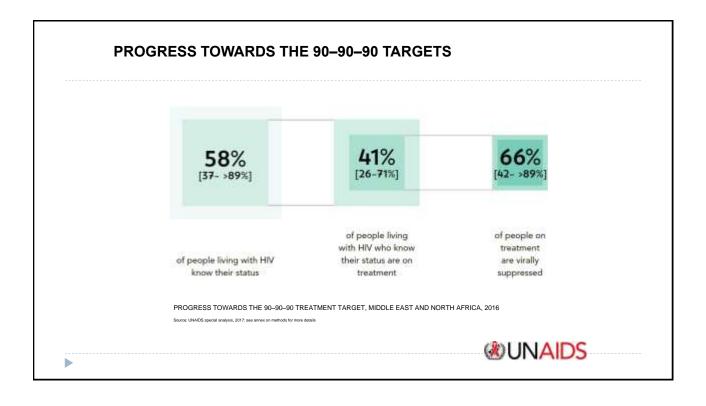
Why did the incidence decrease?

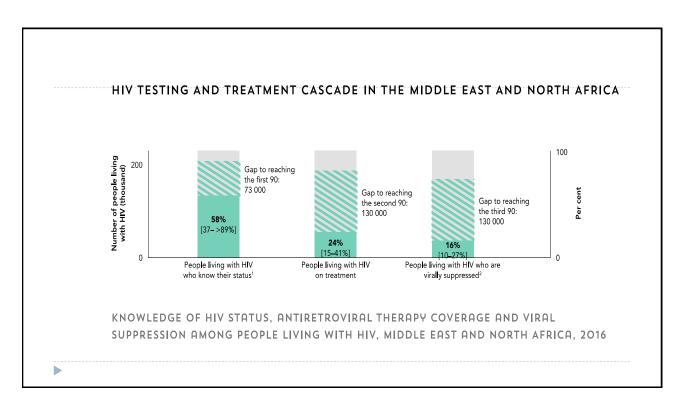
- 1. Male and female condom use
- 2. Testing and counselling for HIV and STIs
- 3. Voluntary medical male circumcision
- 4. Antiretroviral (ARV) drug use for prevention
 - 4.1 Prevention benefits of ART: the risk of transmitting the virus to their uninfected sexual partner can be reduced by 96%. The WHO recommendation to initiate ART in all people living with HIV will contribute significantly to reducing HIV transmission.
 - 4.2 Pre-exposure prophylaxis (PrEP) for HIV-negative partner
 - 4.3 Post-exposure prophylaxis for HIV (PEP)
- 5. Harm reduction for injecting drug users
- 6. Elimination of mother-to-child transmission of HIV (EMTCT)
 - ▶ In 2015, 77% (69–86%) of the estimated 1.4 (1.3-1.6) million pregnant women living with HIV globally received effective ARV drugs to avoid transmission to their children. A growing number of countries are achieving very low rates of MTCT and some (Armenia, Belarus, Cuba and Thailand) have been formally validated for elimination of MTCT of HIV. Several countries with a high burden of HIV infection are closing in on that goal.
- 7. Testing and counselling, linkages to tuberculosis care
- 8. Decreasing stigma from the perspective of health providers and general population

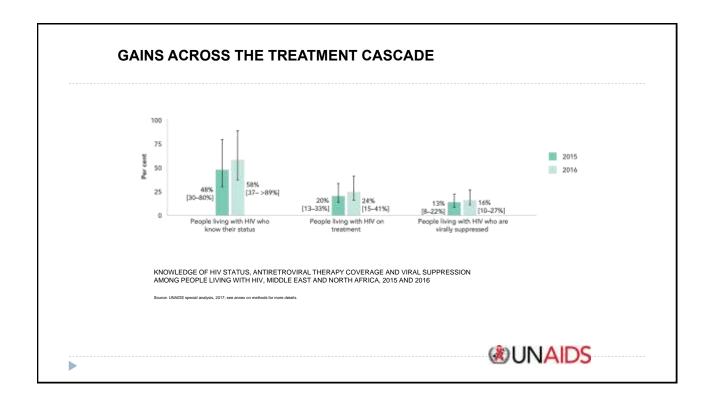
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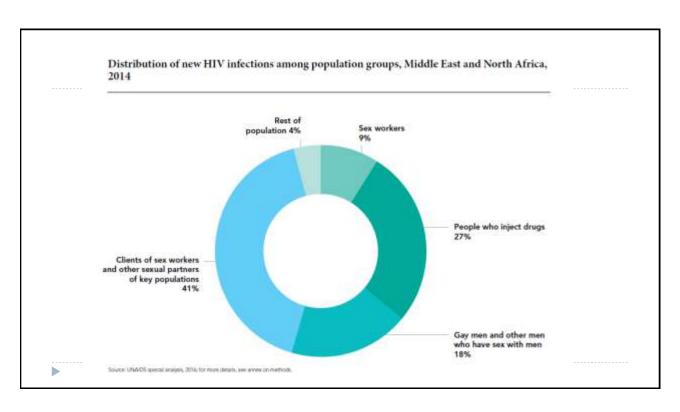






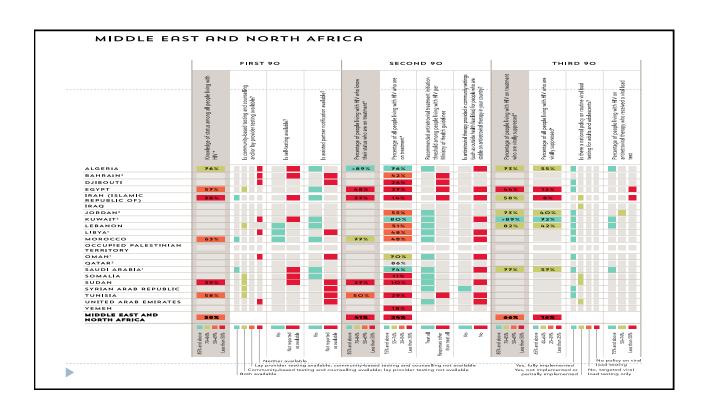






Why did the incidence in EMR increased?

- Lack of reliable enough information
- Lack of enough resources
- Internal conflicts
- ▶ Some barriers e.g. stigma, lack of enough knowledge and ...
- Access to treatment barriers



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