



COALITION to STRENGTHEN
the HPV IMMUNIZATION
COMMUNITY



HPV Prevention
and Control Board



THE INCLEN TRUST INTERNATIONAL

Health Information Systems: Overview and challenges

Data reporting & collecting mechanisms for HPV vaccination program and research gaps to improve health information system

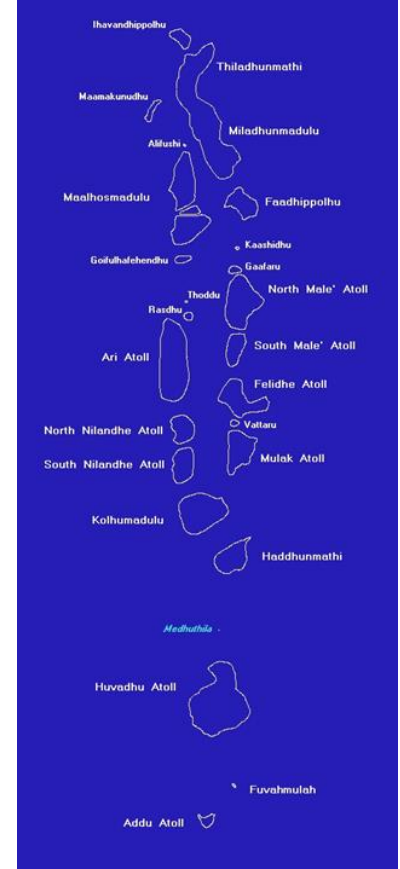
Dr. Jumailath Beygum
Maldives

South Asia Regional Meeting

HPV Prevention and Control Landscape and the way forward.

13th, 14th and 15th - Dec 2022 – New Delhi, India.

Maldives



Current mechanisms of Immunization data management in Maldives

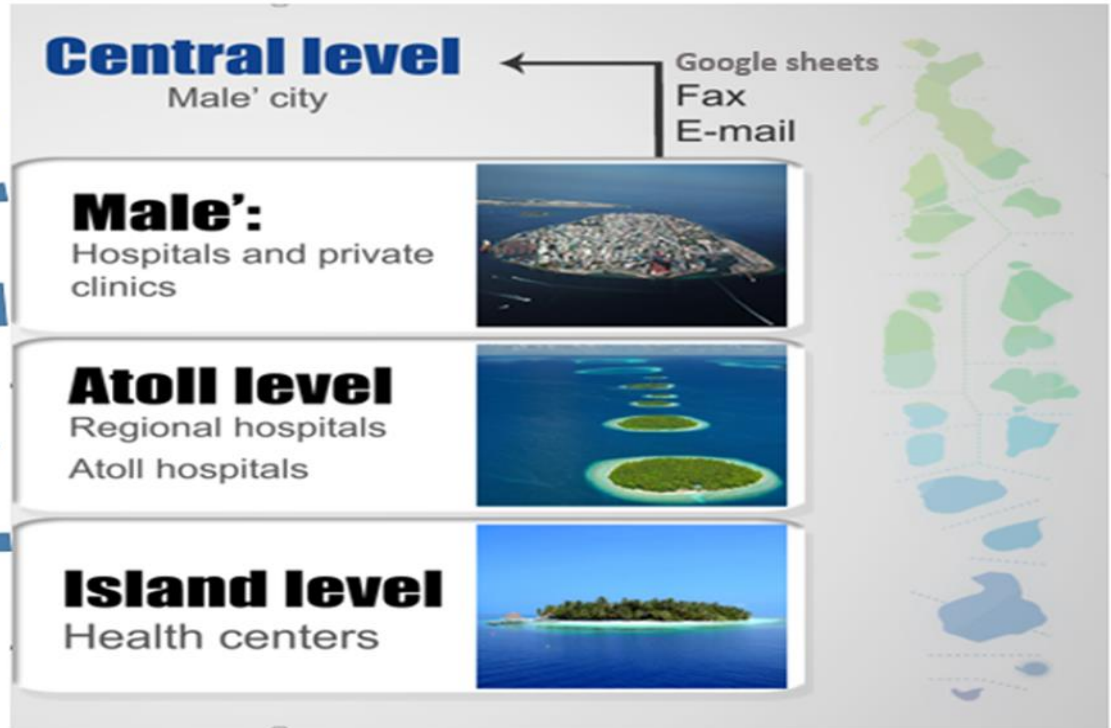
Systems used:

- EPI vaccines Database on MS Excel using Google sheets
- Log books
- DHIS-2; Electronic Immunization Registry (EIR) - since August 2022
- For Covid vaccine: Dhifaau Portal (A digital platform) is being used all over the country.

Immunization data management in Maldives

From atoll Hospital /
Regional Hospital to Central
(National Immunization
Program, HPA)

Island level to the respective atoll
Hospital / Regional Hospital



Electronic Immunization Registry (EIR)

- Electronic Immunization Registry (EIR) was developed with assistance from WHO.
- DHIS 2-Tracker
- Currently implemented in central level, atoll / regional hospitals and some of the island health facilities to enter vaccine data.
- Initiated in August 2022 and the Plan is to rollout EIR in all vaccine centers by end December 2022.

Collecting data of Vaccine Recipients

- Initially done using Excel sheets
- For mass campaign, School-wise, grade-wise lists of eligible girls generated through Ministry of Education
- Vaccination documented using these lists on hard paper at schools
- Data entered into database on MS Excel sheets by schools and shared with HPA and data collated at HPA.
- Back-up print copies of lists kept at Health facilities.
- Proof of vaccination document provided to each recipient (Stamped on Child Health Development Record).



Gaps & Challenges in Information

- As HPA vaccination data is not yet entered in a common database,
- Gaps in tracing whether a child received vaccine if no documentation in hand
- Our electronic database requires all previous doses to be entered from birth, otherwise we cannot enter later vaccines.
- Therefore unable to enter HPV vaccinations yet.

“I’m not sure whether my daughter received the first dose of HPV. We moved house and lost her card”

“Didn’t bring the Booklet today... too far to go back to fetch it”

Research gaps to improve health information

- HPA with WHO consultant team are working on fixing the gaps in the electronic immunization database.
- Research gaps:
 - Seroprevalence surveys
 - Hep B Sero-prevalence survey to evaluate impact of Hep B Immunization program planned for Jan 2023
 - Research on Vaccine refusal and hesitancy
 - Quantitative Studies to quantify size of problem
 - Quantitative studies to explore reasons for vaccine refusal, challenges and solutions

Thank You

