

## **Case study 16:**

Mamta is a baby girl born at Platinum Central Hospital, Platinum district, Province Yellow, Harmonia at 5.00 am on **15 October 2014** to Mrs Sushma and Mr Ravindran. She is their first baby. The delivery was normal. Mamta cried at birth and had a normal APGAR score. She was started on breastfeeds immediately. She was given BCG and Hepatitis B vaccines at the hospital on the same day. Later baby and parents went back to their residence at No 9, Venus Avenue, Platinum district, Province Yellow Location 6. Harmonia. Mr Ravindran's mobile number is +12 375 34 83 650

Mamta was perfectly fine and was fed exclusive breast milk. She received all the childhood vaccinations on time from the Primary Health Unit Platinum, located at Aries Street, Province Yellow, Harmonia. The Health Inspector Mr Suresh provided all the vaccinations and there was no problems and her growth and development and her milestones were normal.

As a part of the national measles elimination campaign The Ministry of Health, Harmonia decided to conduct a mass immunization campaign for all children 9 months up to 15 years of age on **1 March 2016**. Parents were asked to bring their children to the nearest health centre for MR vaccination.

Sushma took her Primary Health Unit Platinum, located at Aries Street, Province Yellow for the MR vaccine. This was the second dose of MR vaccine for Mamta. There was a long queue at the Primary Health Unit. The vaccine was administered by Ms Sadhna a new vaccinator at 10.15 am. The details of the vaccine and the diluent are given below

<b>Vaccine</b>	<b>Batch number</b>	<b>Date of manufacture</b>	<b>Expiry date</b>
Khasrubelvac (MR vaccine)	DER112CV 2015	Dec 2015	Nov 2018
Khasrubel Diluent (Diluent)	ASDF32123	Oct 2015	Sep 2018

The same day evening, Mamta developed high fever and complained of pain at the site of injection. Her vaccinated arm started swelling. She refused to have food and started vomiting severely, she had generalised seizure at 10.30 pm, she was rushed to the Platinum Central Hospital at 11.00 pm. There she was examined by Dr Celine, the paediatrician of Platinum Central Hospital (e-mail id: [celine@platinummail.com](mailto:celine@platinummail.com) ; Phone +12 345 67 98 765) who diagnosed her to have toxic shock syndrome and admitted her to the ICU.

At 11.45 pm of **1 March 2016**, Dr Celine telephonically informed the District Immunization Officer Dr Michael Jackson who works at office of the MoH, Seaview Road, Platinum district, Province Yellow, Harmonia (email: [michaeljackson@123mail.com](mailto:michaeljackson@123mail.com) Phone +12 543 21 67 895) about the admission of Mamta. Dr Michael Jackson promised to visit the hospital as soon as possible and told Dr Celine to assign the case number HAR-PRYE-PLAT-2016-0026 in the AEFI reporting form and initiate the AEFI reporting process. Dr Celine collected the details and completed the AEFI reporting form on **2 March 2016** at 12.30 AM. Mamta was still in the ICU and had not recovered at the time of completing the form.

Dr Michael Jackson further checked the details of the vaccination session with Ms Sadhna the new vaccinator and discovered that she had reconstituted all vials of the MR vaccine on the evening of 29 February 2016.

### **Group work 1:**

1. Enter the details of the above case in a paper AEFI reporting form
2. Wait for the other participants to complete... and as you wait consider how you will answer the following questions

### **Questions: In this scenario, if this case was occurring in your locality in your country**

1. Who should first report the AEFI ? How should it be reported?
2. Who should receive the first report?

### **Group work 2:**

1. Click <http://gysi-ae-fi-tools.org/ae-fidata/training/> and access the "IFA Harmonia" website
2. Login is as a, "Learner" and wait for instructions from your facilitator to decide if you will be a "national user, "province user" or "district user"
3. Complete the online AEFI reporting form using the paper AEFI reporting form you just completed and await instructions