

## PROJECT PRAKASH

### KEY LEARNING POINTS

**Training:** Viral Hepatitis in Dentistry – *Spreading smiles; NOT hepatitis*

**Topic:** Needle Stick Injury & Post Exposure Prophylaxis

**Faculty:** Dr. Reshu Agarwal, Assistant Professor, Clinical Virology, ILBS

**Period:** 2019 - 2020

**Attendees:** Dental Professionals

#### ✚ Occupational exposure management

- Immediate reporting to supervisor
  - Risk assessment
  - Informed consent and counselling for PEP
  - Laboratory evaluation of both exposed and source
  - Initiation of PEP
  - Follow-up of exposed person
  - Documentation and recording of exposure
- ✚ Testing for at least 6 months after exposure (6 weeks, 12 weeks and 6 months) for HIV.
- ✚ If source is HCV positive or has potential HCV risk factors, exposed should be tested for HCV RNA after 3weeks/anti-HCV at 6weeks and after 6 months.
- ✚ HBV-baseline and 6months.
- ✚ Transaminases should be checked at week 2 and 4 to detect hepatitis in case the exposed contracted HBV.
- ✚ Advised to use precautions (e.g., avoid blood or tissue donations, breastfeeding, unprotected sexual relations or pregnancy) first 6–12weeks following exposure.
- ✚ Advised to seek medical evaluation for any febrile illness that occurs within 12 weeks of exposure.
- ✚ Adherence and side effect counselling.

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