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GOVERNMENT MEDICAL COLLEGE & HOSPITAL, CHANDIGARH
DEPARTMENT OF COMMUNITY MEDICINE

Report on Environmental Survey dated 13.08.2014

Department of Community Medicine, GMCH Chandigarh initiated environmental survey today i.e. 13.08.2014 under guidance of Dr. N.K. Goel, Prof. & Head of department. This was done in response to "Weekly draining and scrubbing of cooler and prevention of accumulation of stagnant water in open." A team from department comprising of Dr. Meenu (Assistant Professor-cum-Nodal Officer IDSP), Dr. Navpreet (Assistant Professor), Dr. Anupama (Demonstrator), Mr. Jagpreet (Medical Social Worker) and Mr. Naresh (Sanitary Inspector) visited the roof top and level 5 of Block B (OPD block), GMCH. A proforma was designed and used for conducting the survey.

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The team identified the potential breeding places of mosquitoes. After identification of the two breeding places at roof top, the sample of stagnant water was taken from one site i.e. near overhead tank, opposite fire extinguishing system no. 67 (Fig. 1). The other site was not accessible (roof top of ramp, opposite Block E) but it seemed to be highly suspicious for mosquitoes breeding (Fig. 2). The source of stagnant water was most likely rain water. All the overhead tanks were covered and there was no overflow of water from tanks. However, there was leakage of water from one of the joints between pipes, which needs to be repaired.

The sample was transported to the research lab at Department of Community Medicine for examination. After examination of sample with naked eye and with the help of magnifying lens, they were identified as Aedes larvae and pupa (Fig. 3 & 4).

The team also inspected desert coolers in various departments at level 5. No larva/pupa or adult mosquito was found. Although the water in coolers was changed periodically, but weekly changing of water and drying of coolers for one day was not practiced. The coolers were not adequately cleaned also. No stagnant water in open was found at Level 5. Onsite counseling of staff contacted was done by the team members about importance of weekly cleaning of coolers and avoids artificial collection of water.

It would be a regular feature (copy attached).

- Cc: - PA/DP for information of DP please.
- PA to ADA for information of ADA please.
✓ PA/MS for information of MS please.
- Concerned HOD at level 5, Block B GMCH i.e. HOD Pediatrics, HOD Forensic Medicine & Toxicology, HOD Medicine.

Endorse to all
HODs of branches involved.
RJP
20.8.14

13/08/2014
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Fig. 1: Site from where sample of stagnant water was taken.

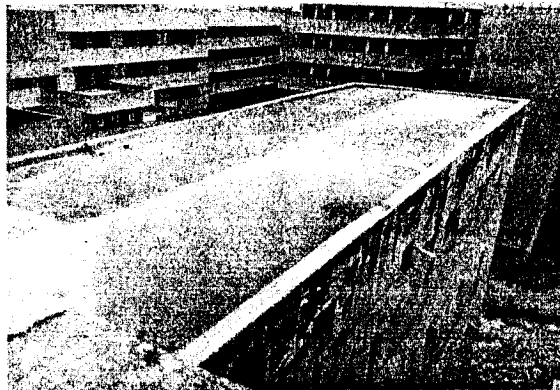


Fig. 2: Stagnant water which was inaccessible.



Fig. 3: Larvae in collected sample of stagnant water.



Fig. 4: Pupa & larva in collected sample of stagnant water.

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