



# THE BOMBAY CITY AMBULANCE CORPS ( FOUNDED 1930 ) ( Registered under Acts XXI of 1860 and XXIX of 1950 ) BRIGADE GAZETTE

GRATIS

No. 658

July, 2018

## PART - I

### NOTIFICATION

#### Results of First Aid Instructors' Examination

The Examination of the students of the Specialist Instructors' Course in First Aid to the Injured (Course No I/244) of Jamsetji Tata Ambulance College was conducted in May 2018 by the Board of Examiners appointed by the Medical Board of the Society consisting of (1) Dr. A.H. Kantharia, M.D. (Bom), and (2) Dr. Girish G. Lad, M.S. (Bom.), The Board was assisted by (i) Mr. Anjan S. Lalaji, B.Com., Dip. Amb. Work; and (ii) Mr. Nitin S. Lalaji, B.E., Dip Amb. Work as assessors for practical tests. The following students have been declared successful in order of merit:

1. Dr. Mayur Tukaram Revadkar, M.P. Th., 2. Dr. (Miss) Ekta Naresh Bodalia, B.D.S., 3. Mrs. Maria Estella Pereira, B.A. 4. Mr. Devanand Ramesh Warudkar, and 5. Mr. Krushna Suresh Bamane.

#### Awards

1. Dr. Mayur Tukaram Revadkar, M.P.Th, has been awarded the "First Aid Instructors' Cup" for standing first in the examination.
2. Dr. (Miss) Ekta Naresh Bodalia, B.D.S., has been awarded the "First Aid Instructors' Prize for standing Second in the examination.

## NEWS

### 87th Foundation day

A get together of all BCAC associates was held on Saturday, June 2, 2018. There were thirteen members including present volunteers and Honorary Officer Commanding. Progress on future full time Diploma in Ambulance Work was narrated by Honorary Officer Commanding. He appealed everyone extend helping hand in whatever way each one can. Members presented shared suggestions and views.

#### Public Duty

Ambulance Car 12 (MH-01-L-9420) with trained staff and equipment's such as First Aid box, extra stretcher, oxygen cylinder etc., was posted at football tournament matches organized by Saran Presents on June 17 morning from 9.30 to 6.00 p.m.

#### Jai Bhagwan Acupressure Service International, Mumbai

Captain R. J. Lad, Honorary Officer Commanding and Commandant of the college conducted one day workshop for participants of seven-day camp (shibir) on Acupressure and naturopathy at Lonavala on Sunday, May 6, 2018. There were nearly 70 participants. About 15 participants expressed their wish to join Specialist Instructor's Course in First Aid. Hence Specialist Instructor's Course in First Aid will be arranged for them in July-December 2018 term.

#### One day Seminars on CPR for Bystanders

No.	Date 2018	No. of Participants	Participants from
18/S/CPR/1	May 31	19	World Gym
18/S/CPR/2	June 09	16	World Gym & BFY

**YOU CAN VIEW BRIGADE GAZETTE ON  
WEBSITE (bcac.co.in)**

**ALL OUR SERVICES ARE FREE, BASED ON VOLUNTARY DONATIONS**

#### The Fort & Colaba Welfare Society

65th Annual Function of Distribution of Free Note Books to the poor and needy students of Municipal Schools & Night High Schools of fort area was held on 23rd June, 2018 in the Dr. Moolgaonkar Memorial Hall in our campus, in presence of Mr. Rajpurohit (MLA), Maharashtra, Mr. Sanjeev Suryakant Palande, Additional Collector Project Director of P L Deshpande Kala Academy, Mumbai, and Mr. Suresh Suvarna, Chief Administrative Officer, Chembur Karnataka High School and Junior College. About 400 students were given free notebooks.

#### General Fund Donations

We have received donations for General Fund of the Society.

Date 2018	Amount Rs.	Donation received from
May 31,	6,300.00	Muscle Fuel (c/o World Gym)
May 31	5,600.00	Planx Fitness (c/o World Gym)
June 5	11,000.00	Aatmabodh Academy of Yoga
June 6	5,000.00	Mr. Chandrakant Shantilal Parmar
June 7	5,000.00	Mr. Nitin Padmanabh Thaker
June 11	10,000.00	Manav Jagriti Foundation
June 14	6,300.00	Planet Fitness (c/o World Gym)

#### Station Fund Donations

We have received donations for Station Fund of the Society.

Date 2018	Amount Rs.	Donation received from
04-May	5,000.00	Mumbai Hockey Association
07-May	8,000.00	Jai Bhagwan Accupressure Service International, Mumbai
19-May	5,000.00	Mumbai District Football Association
11-Jun	4000.00	National Sports Club of India
14-Jun	700.00	Mrs. Sheela S. Banerjee
14-Jun	700.00	Miss. Sudnya S. Banerjee
14-Jun	700.00	Miss Ramila Dilip Sheshware

## PART II

### Nipah Virus Infection

#### The virus

The virus is named after the Malaysian village where it was first discovered.

### An Appeal

Since use of our Ambulance Service is very poor, Members and well wishers are requested to give publicity of our Free Ambulance Service.

Suggestions for improvement of our services are welcome.

Donations for the FREE FIRST AID AND AMBULANCE SERVICE STATION FUND will be appreciated.

**OUR TELEPHONE NOS. : 2201 42 95 and 6633 48 97 • Website : www.bcac.co.in**

### Epidemiology

So far, NiV has infected 477 people and killed 252 since 1998. Outbreaks of Nipah in south Asia have a strong seasonal pattern and a limited geographical range. Case fatality rate of NiV ranges from 40-70% although it has been as high as 100% in some outbreaks. The presence of Nipah virus antibodies have indicated that dogs, cats, goats and horses were infected, but only if exposed to infected pigs in Malaysia. Their role in transmitting infection to humans was not determined.

### The mode of transmission

Infected bats shed virus in their excretion and secretion such as saliva, urine, semen and excreta but they are symptomless carriers. The NiV is highly contagious among pigs, spread by coughing. Direct contact with infected pigs was identified as the predominant mode of transmission in humans when it was first recognized in a large outbreak in Malaysia in 1999. Ninety percent of the infected people in the 1998-1999 outbreaks were pig farmers or had contact with pigs.

A vaccine is being developed. A recombinant sub-unit vaccine formulation protects against lethal Nipah virus challenge in cats. ALVAC Canarypox vectored Nipah F and G vaccine appears to be a promising vaccine for swine and has potential as a vaccine for humans.

The main strategy is to prevent NiV in humans. Establishing appropriate surveillance systems will be necessary so that NiV outbreaks can be detected quickly and appropriate control measures initiated.

There is strong evidence that emergence of bat-related viral infection communicable to humans and animals has been attributed to the loss of natural habitats of bats. As the flying fox habitat is destroyed by human activity the bats get stressed and hungry, their immune system gets weaker, their virus load goes up and a lot of virus spills out in their urine and saliva. Similar fluctuation of virus shedding may

be associated with the stressful physiological conditions or seasons. Evidence of seasonal preference of transmission in *P. lylei* was recently demonstrated in a study in Thailand. The period April-June was the time (highest in May) when viral RNA could be mainly detected in urine which was associated with a fluctuation of population numbers that was observed only in May and correlated with young bats leaving to fly. There were focal outbreaks of NiV in Bangladesh and India in 2001 during winter. Drinking of fresh date palm sap, possibly contaminated by fruit bats (*P. giganteus*) during the winter season, may have been responsible for indirect transmission of Nipah virus to humans. There is circumstantial evidence of human-to-human transmission in India in 2001. During the outbreak in Siliguri, health workers and hospital visitors became ill after exposure to patients hospitalized with Nipah virus illness, suggesting nosocomial infection. During the Bangladesh outbreak the virus is suggested to have been transmitted either directly or indirectly from infected bats to humans. Strong evidence indicative of human- to-human transmission of NiV was found in Bangladesh in 2004.18

**Incubation period: 4 to 18 days.**

### Laboratory diagnosis

Procedures for the laboratory diagnosis of NiV include serology, histopathology, PCR and virus isolation. Serum Neutralization Test, ELISA, RT-PCR are used for laboratory confirmation.

Most countries in the South-East Asia Region do not have adequate facilities for diagnosing the virus or on ways of controlling it. Bangladesh, India and Thailand have developed laboratory capacity for diagnostic and research purposes.

### Prevention and control

There is no effective treatment for Nipah virus disease, but ribavirin may alleviate the symptoms of nausea, vomiting, and convulsions. Treatment is mostly focused on managing fever and the neurological symptoms. Severely ill individuals need to be hospitalized and may require the use of a ventilator. Human-to-human transmission of NiV has been reported in recent outbreaks demonstrating a risk of transmission of the virus from infected patients to health care workers through contact with infected secretions, excretions, blood or tissues. Health care workers caring for patients with suspected or confirmed NiV should implement Standard Precautions when caring for patients and handling specimens from them. A WHO Aide-memoire on Standard Precautions in health care is available at: <http://www.who.int/csr/resources/publications/standardprecautions/en/index.html>

— Edited, Curtsey : **WHO**

SERVICE STATION STATISTICS		
Year 2018	May	June
Calls Registered	20	12
Removal Services	39	21
Services for which NO donations were received	23	11
<b>Donations received on account of :</b>		
Removal Services	₹ 4,200/-	₹18,000/-
Donations to the Station Fund	₹ 9,200/-	₹6,100/-
Run of Ambulance (Car No.12)	706 Kms.	264 Kms.
Total services rendered till date	80,809	80,830

**KINDLY SEND YOUR OPTIONS TO RECEIVE BRIGADE GAZZETE ON WEBSITE (bcac.co.in) OR BY E-MAIL (send your email id)**

Edited and Published by Captain R. J. Lad, D.E.R.E., Dip. Amb. Work, Officer Commanding, The Bombay City Ambulance Corps, at Head Quarters, 21 New Marine Lines, Mumbai - 400 020 and printed by him for the owners of the Publication "The Bombay City Ambulance Corps".

### BOOK - POST

To,

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From :  
**THE BOMBAY CITY AMBULANCE CORPS**  
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