



# THE BOMBAY CITY AMBULANCE CORPS

( FOUNDED 1930 )

(Registered under Acts XXI of 1860 and XXXIX of 1950)

## BRIGADE GAZETTE

GRATIS

No.687

July 2023

### PART – I

#### NOTIFICATION

##### Instructors' Courses

The next Specialist Instructors' Course in First Aid to the Injured (July-December 2023 term), in English medium, will be inaugurated under the aegis of Jamsetji Tata Ambulance College on Monday, July 10, 2023 for 2 hours in the evening on Mondays and Thursdays in First Aid.

##### 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/250) of Jamsetji Tata Ambulance College was conducted in May 2023 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 (1) Mr. Nitin S. Lalaji, B.E. (Civil), Dip Am., Instructor in First Aid and Sanitation (2) Mr. Balkrishna D. Sadam, M.Sc., Specialist Instructor in First and Home Nursing and (3) Mr. Nitin P. Thaker, B.Com., LL.B, Dip Amb. Work, Specialist Instructor in First Aid and Home Nursing, as assessors for practical tests. The following students have been declared successful in order of merit:

(1) Mrs. Patwardhan Manisha Mahesh M.Sc., (2) Dr. Karandikar Sunanda Janardan, MSc., Ph.D. (3) Mr. Bandaru Ashok Kumar, B. Tech, (4) Dr. Sonawane Sachindeo Shivaji, B.A.M.S. (5) Mr. Suryavanshi Prashant Vasantrao, B.Sc. (IT) (6) Mr. Kadam Pratik Suryakant, B.Com., (7) Mr. Candanshive Aditya Suresh, B.Sc. (CS) (8) Mr. Mishra Omprakash Ramashanker

##### Awards

1. Mrs. Patwardhan Manisha Mahesh M.Sc., has been awarded the "First Aid Instructors' Cup" for standing first in the examination

2. Dr. Karandikar Sunanda Janardan, MSc., Ph.D., has been awarded the "First Aid Instructors' Prize for standing Second in the examination

##### NEWS

##### Government Recognition and Permanent Grant

The Government of Maharashtra, Medical Education and Drugs Department, has been pleased to accord recognition to the College of Ambulance and to sanction the payment of the recurring TOKEN grant-in-aid of Rs. 30,000/- per year to the Society towards maintenance of the College, on a permanent basis, from the year 1983-84 onwards vide Government Resolution No.GHD-1082/2666/MED, 4-B dated the 28<sup>th</sup> July 1983. **The grant of for the year 2019-2020 to 2022-23 has not been received till date in spite of Government Resolution.**

##### One day Seminar on Cardio Pulmonary Resuscitation

One day Seminar (S/23/CPR/1) was conducted on Saturday, May 6, 2023 for staff of Grahak Panchayat, Mumbai. 18 participants attended the seminar.

##### 93rd Foundation Day

The Bombay City Ambulance Corps was established on 2<sup>nd</sup> June 1930. It started with 27 male volunteers. They were students of Arts and Medical College. The junior division of 15 school boys was started a month later. Ladies Volunteer division then known as Nursing Division was started on in January 1931.

##### Donations to General Fund

We have received following donation to the General Fund of the Society:

Date 2023	Amount Rs.	Donations Received from
15-05-2023	12000.00	Sumukhei Performing Arts
18-06-2023	12000.00	Sumukhei Performing Arts
19-06-2023	21000.00	Aatmabodh Academy
19-06-2023	5000.00	Mr. Ramakant R. Chokhani

##### Donation to Station Fund

We have received following donations to the Station Fund of the Society.

Date 2023	Amount Rs.	Donations Received from
06-04-2023	3,000.00	Saran Presents
02-05-2023	3,000.00	Mumbai Port Sports Club
06-05-2023	7,200.00	Participants of CPR Seminar S/23/CPR/1
15-05-2023	5,000.00	Mr. Balkrishna D. Satam
28-05-2023	17,034.00	Students of Specialist Course in First Aid

##### Service Station Statistics

Year 2023	May	June
Calls Registered	18	15
Removal Services	35	27
Services for which NO donation were received	30	23
Amount of Donations received on account of :		
Removal Services	2,500	Rs.2,400.00
Donation to Station Fund Rs.	Rs. 15,200.00	17,034.00
Run of Ambulance Car (Amb. Car No.13)	344 Kms	375 Kms
Total Services rendered till date	81,745	81,772

### PART II

#### TREATING COLD-CONTACT BURNS

In an event of contact with a liquid or cold gas, e.g., Carbon Dioxide fire extinguisher, a cold contact "burn" may occur. Actually, the skin or tissue freezes.

Medical assistance should be obtained as soon as possible. In the Interim, the following emergency measures are recommended:

- Remove any clothing that may restrict circulation to the frozen area. Do not rub frozen part, as tissue damage may result.
- As soon as is practical, immerse the affected part in warm water (not less than 105F or more than 115F, or 40C to 46C). Never use dry heat. The victim should be in a warm room, if possible.
- If the exposure has been massive and the general body temperature is depressed, the patient should be totally immersed in a warm water bath. Supportive treatment for shock should be provided.

- Frozen tissues are painless and appear waxy and yellow. They will swell and be painful and prone to infection when thawed. Do not rewarm rapidly. Thawing may require 15 to 60 minutes and should be continued until the pale blue tint of the skin turns pink or red. Morphine or tranquilizers may be administered under professional medical supervision.
- If the frozen part of the body thaws before the doctor arrives, cover the area with dry sterile dressings and a large, bulky protective covering.
- Alcoholic beverages and smoking decrease blood flow to the frozen tissues and should be prohibited. Warm drinks and food may be administered.

### ELECTRICITY AND YOU

#### How does Shock occur?

Shock related injuries may occur when the body becomes a part of an electric path by touching a live wire creating an unintentional circuit back to earth.

#### What determines the severity of the Shock?

The severity of the shock received as a result of an accidental contact with an electric circuit depends on:

- Rate of current flow in ampere and duration of exposure to the current flow.
- Part of the body through which the current flow. severity is more if current flows through vital organs of the body - namely brain, heart, lungs, liver and kidneys.
- Resistance offered by the body. As the skin becomes progressively moist, its resistance decreases and will allow more current to pass through. (Never handle electricity when body is wet)
- Types of current - A.C. or D.C. A.C. (Alternate Current - house hold electricity) is more pronounced in producing a physiological response than are equivalent D.C. (Direct Current).
- At higher frequencies than house hold electricity frequency (which is 50 Hz.), the body experience more heat. Diathermy used in medical treatment uses the same principles.

- Phase of the heart cycle when the electric shock occurs (applies to momentary contact).
- Age, size and physical condition of person.

#### Possible Effects of the Shock

- Burns
- Asphyxia
- Cardiac Arrest
- Edited from Emergency Care workbook

### 5 Reasons to eat sweet Potatoes

1. They are packed with vitamin C, which will help boost your immune system.
2. Sweet potatoes are a great source of beta carotene which gives them their orange colour and is important for keeping our eyes healthy.
3. They contain iron, a key component of haemoglobin, which transports Oxygen around the body.
4. Sweet potatoes contain fiber essential for a healthy digestive system and regular bowel movements.
5. They are rich in Magnesium, which is useful for strong teeth and bones.

### CROUP

An attack of severe breathing difficulty in very young children is known as croup. It is caused by inflammation in the windpipe and larynx. Croup can be alarming, but usually passes without lasting harm. It usually occurs at night and may recur before the child settles.

If the attack of croup persists or is very severe, and is accompanied by fever, call an ambulance. There is a small risk that the child may be suffering from a rare, croup like condition called epiglottitis.

In this condition, a small flap-like structure in the throat, the epiglottis becomes infected and swollen, sometimes so much so that it blocks the airway completely. The child then requires urgent medical attention.

- Curtesy Daily Mirror

### DONATION APPEAL

**To run our FREE FIRST AID & AMBULANCE SERVICE, to buy New Ambulance Car and upkeep of infrastructure we need donations to Service Station Fund, New Ambulance Car Fund or General Fund. Philanthropist are request to donate annually or a corpus donation earmarked for specific purpose.**

**We therefore appeal well-wishers for generous donations. Donations to the society are exempted from payment of Income Tax u/s 80G.**

**Donations may be paid by Crossed order Cheque in the name of : "THE BOMBAY CITY AMBULANCE CORPS".**

**THANKS**

**KINDLY VISIT OUR WEBSITE TO READ BRIGADE GAZETTE - bcac.co.in**

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 :

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