

Bicycle Paramedic Team

Purpose:

The purpose of the policy is to provide a protocol for the use of bicycle paramedics in the Washtenaw/Livingston Medical Control Authority during special events in which their presence would be advantageous.

Procedure:

Any ALS agency that wants to utilize a bicycle paramedic team will provide two bicycles which can carry at least all the equipment listed on the equipment list of this protocol. Both bicycles will be required to respond as a single unit to all emergencies. The bicycle paramedic team will be required to arrive at the special event with a fully equipped ALS unit.

When responding to an emergency, the bicycle paramedic team will respond along with a transport capable unit to assure appropriate transport of the patient. The bicycle paramedic will give a complete report of patient condition and treatments to the transporting unit. In the event the transporting unit is not ALS, the bicycle paramedic will ride to the hospital and maintain patient care during the transport.

The bicycle paramedic team will be made up of Washtenaw/Livingston County cleared licensed emergency personnel.

The bicycle paramedics will follow the Washtenaw/Livingston County protocols. They will have radio capabilities which will allow them to reach their agency's dispatch and to reach a Washtenaw/Livingston County approved hospital for medical control.

Equipment List:

- Jump Kit
- Oxygen/Oxygen supplies
- Airway management supplies
- Suction
- ECG Monitor/Defibrillator
- IV Kit
- Drug Box
- Radios

Drug Box:

1. Any ALS agency wanting to obtain a drug box for use on a bicycle paramedic unit will take a device that can be sealed and is capable of carrying all of the medications listed on the contents list to a medical control approved pharmacy to be filled. The agency must also provide a device that can carry all controlled substances which can be attached to one of the paramedics' person. Only one set of boxes may be filled for each bicycle paramedic team an ALS agency deploys. Both boxes will be inventoried and sealed with expiration date labeled on the box. The boxes will be kept in a secured area when not in use.

Drug Box Contents:

Drug/Item	Concentration	Packaging/Quantity
Adenosine	6 mg/2 ml	5 vials
Albuterol	2.5 mg/3 ml	2 vials with 1 nebulizer
Amiodarone	150 mg/3 ml	2 amps
Aspirin	82 mg/tablet	minimum 4 chewable tabs
Atropine	1 mg/10 ml	2 pre-filled syringes
Dextrose 50%	25 gm/50 ml	2 pre-filled syringes
Diphenhydramine	50 mg/1 ml	1 vial
Epinephrine 1:1000	30 mg/30 ml	1 vial
Epinephrine 1:10,000	1 mg/10 ml	2 pre-filled syringes
Lidocaine	100 mg/5 ml	2 pre-filled syringes
Naloxone	2 mg/2 ml	2 vials
Nitroglycerin	0.4 mg/tab	1 bottle
Sodium Chloride	20 ml	1 vial
Alcohol Pads		12
Needle	21 g - 1.5 inch	4
Needle	18 g - 1.5 inch	4
Syringe	10 ml	4
Syringe	1 ml	4
Controlled Substances Drug Box Contents		
Diazepam	10 mg/2 ml	1 vial
Fentanyl	50 mcg/ml	2 vials/amps
Morphine	10 mg/1 ml	2 ampules

Drug Box Exchange:

1. A county approved ALS unit will transport all patients which the bicycle paramedic team treats. During an event, all medications used by the bicycle paramedic team will be replaced from the responding ALS unit's drug box.
2. The transporting ALS unit will then use their opened drug box for any additional treatment the patient might need during the transport. The ALS unit will be responsible for documentation of drug use. Upon arrival at the hospital the ALS unit will follow the usual box exchange procedure for an ALS unit.
3. The bicycle paramedic unit will keep a daily log of all patients treated, drugs used and replaced from an ALS drug box.
4. At the end of the bicycle paramedic unit's event, the drug box must be returned to the hospital pharmacy for update of its contents, seal and expiration date.

IV Kits and Fluids:

1. The bicycle paramedic team will carry two county approved IV kits and two 1000cc bags of Lactated Ringers.
2. The bicycle paramedic team will replace the used kits and bags of IV fluids with the transporting ALS unit, or at the hospital. The ALS unit will obtain a new IV kit at the receiving hospital following the normal IV exchange policy.
3. All remaining and used IV equipment will be given to the transporting unit for proper disposal.

1-27b

MCA Approved	04/00	09/00	07/02	05/06
Implement	07/00	09/00	10/02	10/06