

Section: Division of Nursing

Index: 7420.061a

Approval: _____

PROCEDURE

Page: 1 of 1

Issue Date: August 15, 2005

Reviewed: March 12, 2010

HACKETTSTOWN REGIONAL MEDICAL CENTER

Originator: J. Trotte, RN, BSN, CNOR

OR

Reviewed: R. Trimmer, RN

(Scope)

TITLE: USE OF WELCH ALLYN PRO XENON 350 HEADLIGHT

PURPOSE: To outline the use of the Welch Allyn Pro Xenon 350 Headlight.

CONTENT: PROCEDURE:

1. Obtain Welch Allyn Pro Xenon 350 Headlight and light source from equipment room.
2. Check all cords for frays.
3. Plug light source into wall and turn it on using the green power switch.
4. Check the light source by turning the dial up until light is seen. Turn dial down after seeing light.
5. Plug the headlight into the light source and turn the dial up until the light is at the desired intensity.

Headlamp Cleaning

The headlamp can be cleaned with alcohol and a cloth. The headlamp should not be autoclaved, but the positioning bar can be removed and sterilized. The lens can also be removed and cleaned with alcohol, use only a soft cloth to prevent scratching. For more thorough cleaning of the lens use a photographer's brush and blower. Twist and pop the lens holder off to clean the interior lenses

Adjustments

Remove and replace the cable by unsnapping the plastic holders at the side and rear of the headlamp and by firmly grasping the metal tip of the cable and pulling straight up and out of the lens holder.

To adjust the fit of the headlamp turn the knob at the rear to tighten or loosen the diameter. Adjust the height of the crown by removing the Velcro comfort cushion, choose the proper hole and snap the band together, then replace the comfort cushion. The comfort cushion at the front of the headlamp can be removed for cleaning by carefully popping the material off the plastic holders.

The angle of the light can be adjusted in three ways. There are two joints that connect the headlamp to the lens holder. The joint closest to the headgear adjusts the height of the lens holder and should be adjusted manually. The joint closest to the lens holder adjusts the angle of light by moving the sterilizable positioning bar. Also, turn the lens holder to the left or right using the positioning bar. The positioning bar is inserted in the two square holes in the front of the lens holder. Above the positioning bar is a rotating iris adjustment ring.

Cable Cleaning

The cable can be cleaned with alcohol and a cloth. The gown clip can be removed for cleaning by unsnapping the plastic band. Please see the accompanying sheet for instructions on sterilizing and maintaining the fiber optic cable.

Use

Use great care not to kink the cable. If light seems dimmed it is probably the result of damage to the fiber optic bundles in the cable. Never use the cable if rubber sheathing is cracked and fibers are exposed. When removing the cable from the power source grasp the end firmly and pull straight back to avoid damage to the recessed fibers

Reference: MTA Customer Service Article: Important safeguards in the use and cleaning of your MTA Headlamp and power source.