

The logo for LITES, where the letter 'i' is stylized as a lit match with a red and orange flame.

Linking Investigations in Trauma and Emergency Services

Prehospital Airway Control Trial

PACT

A Study of Methods for Airway Support

What is Airway Support?

Unfortunately, when a person is injured, sometimes they are no longer able to breathe on their own. There are three methods to help maintain an airway so the injured person can breathe.

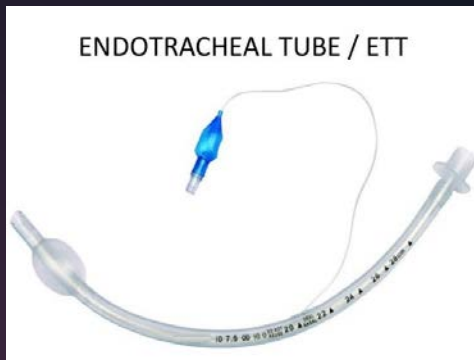
- Bag Valve Mask Ventilations (BVM)
 - Endotracheal Tube (ETT)
 - Supraglottic Airway (SGA)
- } Advanced airways

The Two Methods we are studying

Although both devices are used successfully, they have varying rates of success. So as of right now, we don't know which is better.

Endotracheal Tube (ETT)

This is a tube that goes directly into the trachea, or windpipe.



Supraglottic Airway (SGA)

This is a tube that sits above the trachea, or windpipe.



Who is Included?

- Injured persons aged 15 years or older who are being transported to Oregon Health & Science University (OHSU) who need to have their airway managed by prehospital providers
- Clackamas, Washington and Yamhill Counties



Study Methods

What does this study do?

- Enroll trauma patients needing airway support to either standard care or SGA airway (enrolling for 4 consecutive years)
- For those participating in the study, researchers will review prehospital and in-hospital medical records
- Researchers will look at how treatment was given and what outcomes the patients experienced



PACT is an EFIC Study

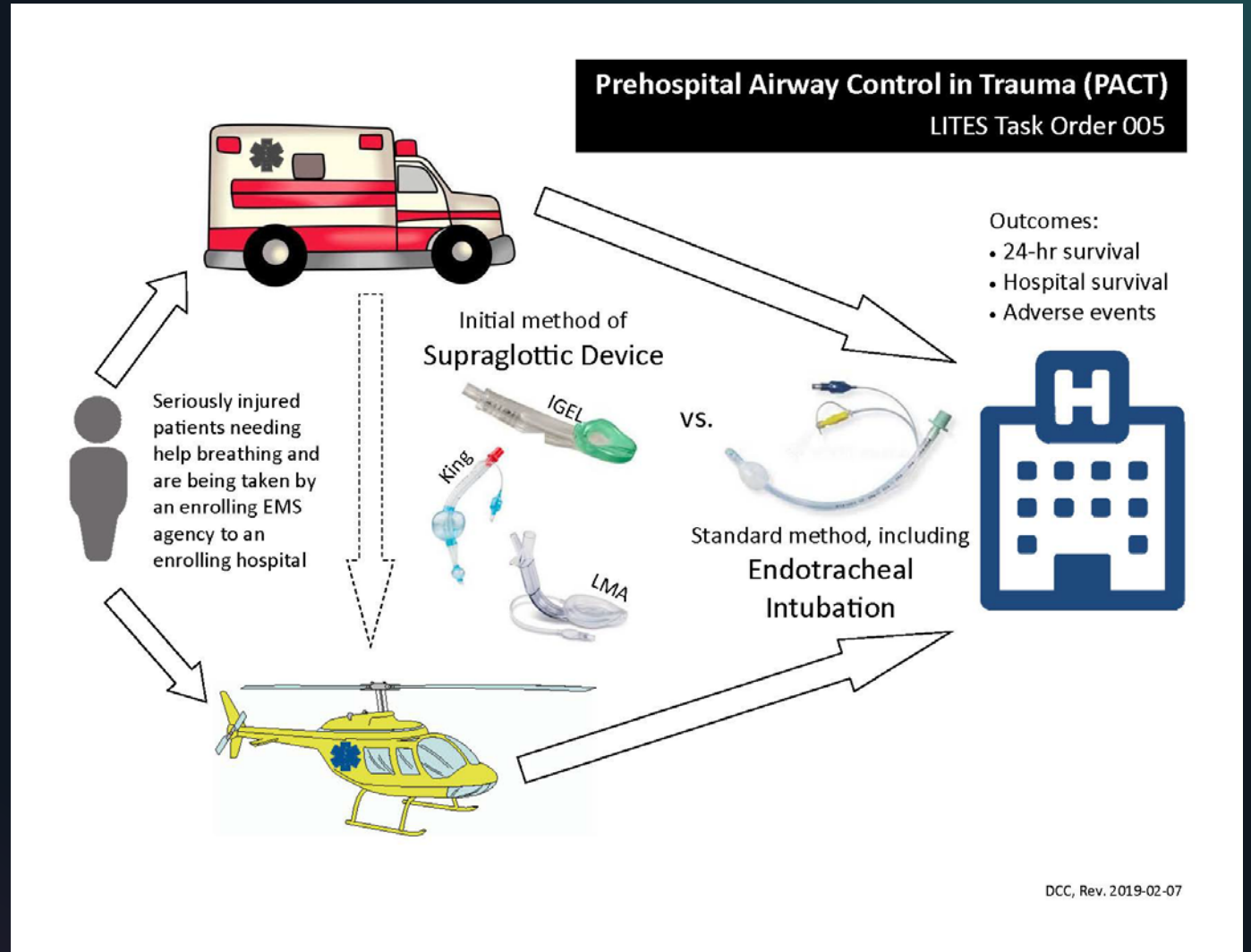
Exception from Informed Consent (EFIC)

Federal regulations permit research for emergency medical situations in which patients or family members cannot give informed consent before treatment.

- 1) Research study must have multiple in-depth reviews by specialists before it can be started
- 2) Before the study can start, the community must be consulted and made aware of the study
- 3) Surviving patients and/or authorized **representatives are informed about the trial as soon as feasible** after the intervention has been given.
- 4) Patients or family members can choose to continue in the study by allowing for continued data collection or choose to not consent to the continued collection of data

Community Consultation

www.LitesNetwork.org/PACT



What happens after the study?

- All 4 years of data will be reviewed to determine if there is a difference in outcomes between the groups receiving different airway management
- Results will be made available to the public



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THANK YOU!

From the LITES Network!

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PREHOSPITAL
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For more
info please visit:

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