**Objective**
To review the role of iLA with a special focus on military medicine.

**Study Design**
Review article.

**Commentary**
The article provides a very detailed overview on iLA use with a focus on practical aspects.
iLA is favourably compared with ECMO.

The article describes advantages of iLA use which may also play a role in civilian casualties, e.g. as a result of disaster: No requirement for extensive logistics and high mobility.