

## Ethical guidelines for research in emergency situations

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1. In the following emergency situations there is no need to obtain consent:

1.1. The Ethical Committee has approved that the study be conducted without informed consent.

1.2. Patient is critically ill, the efficacy of routine treatments has not been confirmed, and it seems ethical to deliver effective treatment via research.

1.3. There is no rational way to seek patient's consent for participating in the study

1.4. Participating in the study is beneficial for the public.

1.5. The study can not be conducted by informed consent.

2. The researcher should explain the method and length of the study to the patients' legal proxies and obtain their consent.

3. Patient's right and welfare should be considered.

4. If patient has participated in the survey and deceased before obtaining consent, the results of the study must be communicated to his relatives or proxy.