

Ethical Considerations Approval

The researcher should consider the ethical, legal and regulatory norms and standards for research involving human subjects in their own countries as well as applicable international norms and standards.

Title of manuscript:

Author/s name:

Name of Organization:

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I/We confirm as author/s that we signing of this form to guarantee that the submitted manuscript is in accordance with the ethical considerations and we have received the ethical approval from the related institution(s) and participant consents before recruiting patients/participants.

1. The participation in the study was completely voluntary.
2. All the needed information for patients or their parents should be presented by using local and simplified terms for a disease in their common language and invite them to be part of this research. We kept patient information confidential and did not publish patient identity.
3. Any patient can talk to anyone he/she feels comfortable with about the research, ask researcher or physician or medical staff any question about research work sample, the way to gain sample and the purpose of using the sample in the present time or future
4. All clinical trials were conducted according to the [Helsinki Ethical Principles](https://www.helsinki.fi/en/ethics)
5. Authors have disclosed all their conflict of interests if exist.

Corresponding author can sign in behalf of the participating authors

Name

Affiliation

The name of the ethical approval body

Signature

Date

Animal welfare

Research that carried out using laboratory animals should comply with a standard ethical consideration. In this form authors are declaring their responsibility for the application of these ethics as reported in the guidelines written by the National Committee for Research Ethics in Science and Technology (NENT), Norway:

Guidelines

1. Respect animals' dignity.
2. Responsibility for considering options (*Replace*).
3. The principle of proportionality: responsibility for considering and balancing suffering and benefit.
4. Responsibility for considering reducing the used number of animals (*Reduce*).
5. Responsible for minimizing the risk of suffering and improving animal welfare (*Refine*).
6. Responsibility for maintaining biological diversity.
7. Responsibility when intervening in a habitat.
8. Responsibility for openness and sharing of data and material.
9. Requirement of expertise on animals.
10. Requirement of due care.

I am the undersigned author/s confirm that the submitted manuscript follows the ethical guidelines listed above for the use of animals in research.

Signature

Signature

Signature

Name:

Name:

Name:

Date: