

Privacy Notice Patient Simulator Induction

This privacy notice applies to the Personal Data processed in connection with Patient Simulator Induction Project (the “Initiative”).

Last update: 26-November-2020

Who is the data controller?

Philips Electronics Nederland B.V. ("Philips")
High Tech Campus 52, 5656AG, Eindhoven, The Netherlands
Contact our Data Protection Officer via our [contact form](#).
(www.philips.com/contactprivacy)

The goal of Patient Simulator Induction Project is to develop software that models an inpatient in an Intensive Care Unit and predicts how the patient will respond to selected treatment schedules. This simulator will be made freely available to the Smart Healthcare community and will be used to validate and improve clinical decision support systems.

For this task we need 2 categories of data:

- Decisions taken by clinical professionals in the ICU
- Measurements of patients’ vital functions that provide an indication of how these decisions influenced the patients’ health

We use a subset of the publicly available MIMIC IV dataset (updated version of MIMIC-III*) as described below.

What Personal Data are collected; Why are these Personal Data collected? With whom are Personal Data shared?; How long will the Personal Data be kept?

What	Source	Why	Whom	How long
ICU stays, admissions, discharges and deaths	MIMIC-IV	Find out what leads to the patient being discharged or dying and calculate re-admission probabilities.	Philips	MIMIC-IV (i.e. MIMIC-III updated version) data: Philips will process and keep this data as agreed in the MIMIC Data Use Agreement (periodic review**).
Patient age and diagnosis		Differentiate how the same treatment affects different types of patients		
Lab tests and microbiology tests		Detect positive and negative developments in patients’ health Model treatment schedules that include decisions conditional on lab test measurements		
Surgeries and medication inputs		Get an overview of all meaningful decisions taken by ICU professionals		

* **MIMIC-III**, a freely accessible critical care database. Johnson AEW, Pollard TJ, Shen L, Lehman L, Feng M, Ghassemi M, Moody B, Szolovits P, Celi LA, and Mark RG. *Scientific Data* (2016). DOI: [10.1038/sdata.2016.35](https://doi.org/10.1038/sdata.2016.35). Available from: <http://www.nature.com/articles/sdata201635>
<https://mimic.physionet.org/>

** Periodic review: Philips will delete your data after a certain time, unless a clear explanation is given why the data is still useful and relevant. Then again a periodic review cycle starts.

The MIMIC data provider indicates that the data was de-identified according to the HIPAA Safe Harbour provision. See <https://physionet.org/content/mimiciv/0.4/>, section *Abstract*.

What is the purpose and legal basis of the processing?

Based on legitimate interest, scientific research exemption, Philips processes your Personal Data for the following purpose:

- to develop software that models an inpatient in an Intensive Care Unit and predicts how the patient will respond to selected treatment schedules.

Please read [Generic privacy information for data subjects \(EN\)](https://www.philips.com/c-dam/corporate/research/privacy-notices/generic-privacy-information-en.pdf) (<https://www.philips.com/c-dam/corporate/research/privacy-notices/generic-privacy-information-en.pdf>) for additional (generic) purposes.

More information

For more information on: **Other processing purposes, Security, Your rights, Updates on this specific privacy notice** or **How you can contact us**, please read [generic privacy information for data subjects](https://www.philips.com/c-dam/corporate/research/privacy-notices/generic-privacy-information-en.pdf).