



Partizipative Interaktionen in Pflege-
und Schlafsituationen in Krippen

Study information for Parents

Dear Parents and Guardians,

Your nursery/kindergarten has agreed to participate in the **PIPS Study (Participatory interactions in Care and Sleep Situations)**. We would like to ask for your consent and support in this matter. To help you decide, we would like to explain who we are, what the study is about, and what participation means.

Who are we?

PIPS is a research project at the University of Applied Sciences Potsdam (Fachhochschule Potsdam), funded by the Federal Ministry of Research, Technology and Space (BMFTR). The PIPS-Team includes Prof. Dr. Karsten Krauskopf and Prof. Dr. Frauke Hildebrandt, along with research associates Annika Hänsch, Christine Mager, and Hannah Merkel.



What is it about?



In our study, we want to investigate how educators involve children under the age of three in care and sleep situations. For this, a first impression is not enough: good research means looking closely. Therefore, we film about 2.5 hours of everyday life in around 80 daycare centres across Germany using two cameras. Some educators may also wear special glasses (eye-tracking). This allows us to carefully capture and analyse both planned

and spontaneous care and sleep situations. We specifically only look at care and sleep situations as well as a short free play sequence. All other video material is deleted after sorting.

The recordings help us understand how participation can be successful in nurseries. **The main focus is on how educators respond to children and how routines are organized.** In this way, we can improve training and further education. As a thank you for their involvement, the nursery team receives free access to the online learning material developed as part of the PIPS project.



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What do we mean by care and sleep situations?

In everyday daycare life, many different care and sleep situations occur: noses are wiped and hands washed, tiredness is discussed and opportunities for rest are created, faces are cleaned and diapers changed. Educators encourage children to notice when they are tired, support them while falling asleep, encourage them to use the toilet, and thus support the children in developing body awareness.

How do we handle the data?

We are aware of the great responsibility involved in studying such particularly sensitive situations. Therefore, we have established strict data protection guidelines and treat your child's data with the utmost care. **No filming takes place during particularly sensitive situations such as diaper changing and toilet visits.** Only audio recordings are made.

All videos, eye-tracking recordings, and questionnaires are stored exclusively on secure data carriers at the University of Applied Sciences Potsdam and are of course not passed on to third parties. **All data is treated strictly confidentially!**

For archiving, research data and personal information are always stored separately to ensure a high level of protection. Upon request, the collected data can be completely anonymized at any time. You can find more details in the attached data protection information.

Consent

We kindly ask for your support by allowing us to record your child on video for research purposes. We also invite you to take part in an online survey. Please fill out the **consent form** provided and confirm that you agree to video recordings of your child for the PIPS study.

Participation is voluntary. You can withdraw your consent at any time without any disadvantages for you or your child. During the recordings, we always ensure the children's well-being. If children feel uncomfortable with the filming, we interrupt the recording and adjust the situation accordingly.

To successfully implement our research project, we rely on your support! Therefore, please do not hesitate to contact us with any questions. You are welcome to reach out to us at any time by email pips@fh-potsdam.de or phone at 0331 580-4198.

Kind regards,

Karsten Krauskopf, Frauke Hildebrandt, Annika Hänsch, Christine Mager und Hannah Merkel



Processing and Use of Data in the PIPS Research Project

Data Protection Information for Parents and Guardians

How we handle data

The processing of personal data is based on Art. 6 (1) lit. a GDPR (consent of the person concerned). We can only include children in the study if their parents or guardians have given written consent. The consent forms are archived in a locked cabinet and will be destroyed in compliance with data protection regulations after 10 years.

Video and audio recordings are stored immediately after collection on secure data carriers from the University of Applied Sciences Potsdam and are not passed on to third parties. Only members of the research team have access to the video material. They must provide a current extended police clearance certificate and complete safeguarding training on child protection and data protection. For the online survey, a GDPR-compliant tool with high security standards is used.

Use for research purposes

The evaluation of original data (from questionnaires, interviews, video sequences, and eye-tracking recordings) is strictly confidential. This means:

1. All data from questionnaires and interviews are pseudonymized: they are stored and analysed under a personal ID.
2. Since full anonymization of video recordings is not possible, access is only granted to PIPS staff under strict security standards. In the first processing step, the recorded material is filtered: only sleep and care sequences as well as one short free-play sequence (approx. 15 minutes) are kept. All other video material is deleted after filtering. Evaluations of the videos are also stored only in pseudonymized form.

Some of the video data are analysed using computer-based automated software. These tools are GDPR-compliant, use only the minimum necessary data, are not used for AI training purposes, and are not stored by AI providers.

For archiving, research data and personal information are always stored separately to ensure high protection. To ensure scientific quality, data are stored for 10 years. Research findings are published in presentations at professional conferences and in scientific and practice-oriented journals. These are summarised and processed data that cannot be traced back to individuals. In addition, anonymized quotes from filmed situations or abstracted drawings based on video recordings may be used.



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Use in training and teaching

Use of video and audio recordings for training and teaching purposes requires your additional explicit permission. Later on, we would like to use selected recordings as positive examples of participation in order to help improve the quality of training and education for professionals. For this, we may separately ask for your consent if your child appears in a recording that is particularly suitable for training purposes. By doing so, you help us to strengthen high-quality daycare at all levels!

Contact, questions on data protection, and withdrawal

You may withdraw your consent at any time. If you later decide that you no longer want us to use video or audio recordings of your child for research purposes, please contact us. After receiving your withdrawal, all audio and video recordings in which your child is identifiable will be anonymized. Analyses and publications already completed cannot be undone – a withdrawal therefore only applies to future analyses and uses of the data.

If you have questions about data protection in the PIPS project or wish to withdraw your consent, please contact us by email at **pips@fh-potsdam.de** or by phone at **0331/5804198**. If you have general questions about data protection in research at the University of Applied Sciences Potsdam, please contact the university's data protection coordinator, Mr. Sven Hirsch, at **datenschutz@fh-potsdam.de**.

Thank you for your interest in PIPS and for your support!

Your PIPS Team

If you agree to participate, please detach this sheet and hand it in at the kindergarten.
Thank you!



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Consent form

I hereby give my consent for my child

_____, born on _____
(First and last name of Child) (Birth Date of Child)

to participate in the **PIPS Study (Participatory Interactions in Care and Sleep Situations in Daycare)**. Participation includes video recording in the morning to observe activities such as nose wiping, face cleaning, hand washing, applying cream (arms, legs, face), tooth brushing, conversations about care and sleep, transitions to the bathroom and sleep room, and sleep support. **No filming takes place during particularly sensitive situations such as diaper changing and toilet visits.** Only audio recordings are made.

By signing this form, I agree that the data collected in the study through audio and video recordings, as well as written questionnaires, will be stored, pseudonymized, and analysed according to the requirements of the European General Data Protection Regulation (GDPR) and used solely for the stated scientific purposes. The data will not be shared with third parties.

I understand that the results of the analyses, but not the video or audio recordings themselves, as well as anonymized quotes and abstracted drawings may be used in academic publications (e.g., in journals), for teaching purposes (university courses, professional training), for academic reuse and in professional counselling and at conferences.

I have read and understood the **study information** and the **data protection information for parents and guardians**. I understand that participation in the study is **voluntary** and that I may **withdraw** my consent at any time, without providing a reason and without any disadvantages for me or my child.

Name of Parent/Guardian (please write in block letters)

Place / Date

Signature of Parent/Guardian