

INTRODUCTION

- **Moisture-associated skin damage (MASD)** is a preventable condition caused by prolonged exposure to **moisture-related irritants**.
- MASD can lead to **swelling, maceration, and denudement**.
- **Telemetry electrodes** can create a sealed environment that may **increase moisture retention** among high-risk patients.
- There is a **lack of specific guidance** for moisture management among patients using cardiac electrodes.
- This literature review summarizes **current evidence-based methods** to prevent MASD under telemetry electrodes.

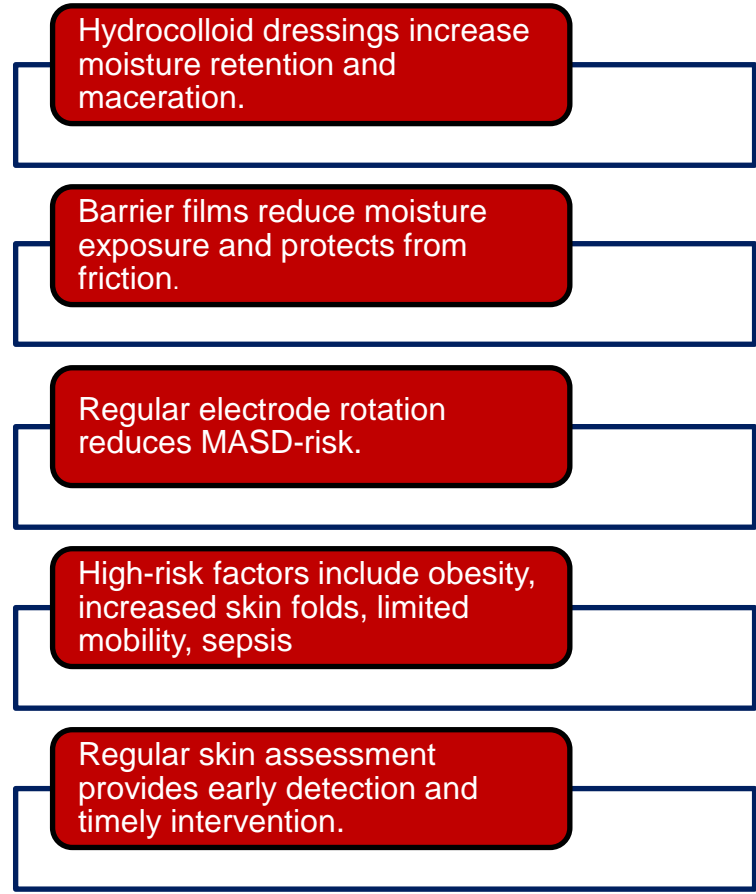
METHODS



- **Published articles from 2021 to 2025.**
- **Peer-reviewed articles reviewed for relevancy**
- **Databases: PubMed, CINAHL, OVID**

- **MASD, Telemetry Electrodes, Cardiac Monitoring, Barrier Film, Skin Maceration**

RESULTS



DISCUSSION

- MASD incidence under telemetry electrodes can be reduced through an **evidence-based prevention bundle**.
- **Avoid using hydrocolloid** and other similar moisture-retentive dressings.
- **Use barrier films** to protect from excessive moisture and friction.
- Utilize a **standardized electrode rotation schedule**.
- Identify **causative factors** among high-risk patients.
- Conduct **regular, standardized skin assessments**.
- Further research is needed to promote **translation to practice and sustainability**.

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For more information, please contact:
Fortunato Catanzaro: fdc9055@nyp.org
Alex Aningalan: ala9173@nyp.org