

# Moulage



An open access professional development module for simulationists

# How to use this module



**Module progresses from foundational concepts to advanced practice. Self direct how deep you want to go!**

**Exercises are designed to work on your own or to discuss with a friend over coffee.**



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# Moulage

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## Overview :

Moulage, originating in anatomical sciences teaching, is the use of special effects makeup techniques to replicate illness or effects on simulated participants, manikins, or task trainers. It contributes to simulation-based activities by contributing to realism, authentic learning principles, and important cues for progressing scenarios.

Moulage can be applied within 10 minutes, or conversely, could take days to prepare, depending on the intended objectives of the activity.

## Exercise 1 : Foundational Principles

**First, listen to this podcast:**

- [“Simulcast Episode 140: Moulage with Jess Stokes-Parish<sup>1</sup>”](#)

**Ask yourself:**

- Where do you currently utilise moulage techniques at your place of work?

**Retrieval practice:**

- What learning outcomes would warrant further use of moulage in your setting?

**Thorny questions:**

- What role does moulage play in the simulations that you are involved with? (**Hint:** Engagement, Learning or Emotional Preparedness)

## Exercise 2 : Safety

Embedding moulage practice can be seriously exciting, but before you start implementing it, there are some key issues to explore! Watch [this video on moulage safety<sup>2</sup>](#)

**Ask yourself:**

- What processes are in place to ensure safety related to moulage?

**Retrieval questions:**

- What other things might be a concern when implementing moulage in your setting of work?

## Exercise 3 : Skills – Create a graze

Watch [this Moulage video<sup>3</sup>](#) of recreating a graze.

**Ask yourself:**

- Where would I source the products required?

**Retrieval practice:**

- When and where on the body you would apply this moulage technique?
- What benefits you would get from including this in your scenario?

## Exercise 4: Skills - Create a Scar

Your second challenge is to create a scar by following [this simple step-by-step video](#)<sup>4</sup>.



### Ask yourself:

- Find out where to source these products or consider what you can use instead.

### Thorny questions:

- What limitations will this type of moulage produce in a dynamic simulation?

## Exercise 5: Choose your own adventure

Using the [Bond University Moulage Resource Book](#)<sup>5</sup>, select a moulage skill that you would like to learn. After practicing this skill, share with a colleague.

### Ask yourself:

- How would you teach your colleague this skill?

### Thorny questions:

- What might be some unintended consequences of utilising moulage in your scenario? How will you mitigate or prepare for these?

## Dig Deeper

If you'd like to learn more about the history of Moulage and its origins in the 16<sup>th</sup> century, read this journal article by Robin Cooke:

- [A moulage museum is not just a museum: Wax models as teaching instruments](#)<sup>6</sup>



## About the Authors :



**Dr Jessica Stokes-Parish**

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**PhD (MedEd), M Nurs (Adv Prac), GCCC (ICU), BN, RN**

**Assistant Professor Medicine, Bond University & Registered Nurse John Flynn Private Hospital**

Jess is an ICU RN and health professions educator who works across academia and professional development. She's the academic lead for the Simulated Participant Program at Bond University (amongst other things) and is known to dabble in science communication, special effects makeup, and all activities related to the ocean.



**Ms Giulia Roiter**

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**Dip Beauty Therapy and Makeup, CERT IV TAE**

Giulia is the Simulated Participant Expert in Scenario Design and Authenticity at Bond University. She has a Diploma in Beauty Therapy and Makeup, a Certificate IV in Training and Assessment and has worked as a freelance makeup artist for 18 years. Giulia has worked in film and television, photography, and special effects make up, and has also worked for 14 years as a Simulated Participant at Bond University. Giulia is in charge of incorporating moulage to simulations for SPs in medicine, physiotherapy, dietetics and nutrition, and runs training workshops for SP's and academic staff.

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