



Supporting Information

Supplementary materials

**This appendix was part of the submitted manuscript and has been peer reviewed.
It is posted as supplied by the authors.**

Appendix to: Murphy G,* Khan MA*, Lathif A, Preddy J. "A banana a day keeps wound failure away": comparing the utility of fruit peels and pig and synthetic skins for suturing practice. *Med J Aust* 2021; doi: 10.5694/mja2.51347.

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1. Suturing Survey

Level of Training:

Consultant

Registrar

Material: Orange

How similar was the experience of suturing in this material to suturing on human skin:

Type of Suture

Simple	Very Dissimilar	Dissimilar	Somewhat Similar	Similar	Very Similar
Vertical Mattress	Very Dissimilar	Dissimilar	Somewhat Similar	Similar	Very Similar
Subcuticular	Very Dissimilar	Dissimilar	Somewhat Similar	Similar	Very Similar

I would recommend this material for practicing this type of suture:

Type of Suture

Simple	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
Vertical Mattress	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
Subcuticular	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree

How is suturing in this material different to suturing in human skin? (e.g. regarding bites, pulling, tying etc.)

Is there a specific area of the skin that suturing this material simulates? (e.g. abdomen, hand etc.)

Material: Banana

How similar was the experience of suturing in this material to suturing on human skin:

Type of Suture

Simple	Very Dissimilar	Dissimilar	Somewhat Similar	Similar	Very Similar
Vertical Mattress	Very Dissimilar	Dissimilar	Somewhat Similar	Similar	Very Similar
Subcuticular	Very Dissimilar	Dissimilar	Somewhat Similar	Similar	Very Similar

I would recommend this material for practicing this type of suture:

Type of Suture

Simple	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
Vertical Mattress	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
Subcuticular	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree

How is suturing in this material different to suturing in human skin? (e.g. regarding bites, pulling, tying etc.)

Is there a specific area of the skin that suturing this material simulates? (e.g. abdomen, hand etc.)

Material: Pig Skin

How similar was the experience of suturing in this material to suturing on human skin:

Type of Suture

Simple	Very Dissimilar	Dissimilar	Somewhat Similar	Similar	Very Similar
Vertical Mattress	Very Dissimilar	Dissimilar	Somewhat Similar	Similar	Very Similar
Subcuticular	Very Dissimilar	Dissimilar	Somewhat Similar	Similar	Very Similar

I would recommend this material for practicing this type of suture:

Type of Suture

Simple	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
Vertical Mattress	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
Subcuticular	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree

How is suturing in this material different to suturing in human skin? (e.g. regarding bites, pulling, tying etc.)

Is there a specific area of the skin that suturing this material simulates? (e.g. abdomen, hand etc.)

Material: Synthetic Skin

How similar was the experience of suturing in this material to suturing on human skin:

Type of Suture

Simple	Very Dissimilar	Dissimilar	Somewhat Similar	Similar	Very Similar
Vertical Mattress	Very Dissimilar	Dissimilar	Somewhat Similar	Similar	Very Similar
Subcuticular	Very Dissimilar	Dissimilar	Somewhat Similar	Similar	Very Similar

I would recommend this material for practicing this type of suture:

Type of Suture

Simple	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
Vertical Mattress	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
Subcuticular	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree

How is suturing in this material different to suturing in human skin? (e.g. regarding bites, pulling, tying etc.)

Is there a specific area of the skin that suturing this material simulates? (e.g. abdomen, hand etc.)

Which material did you find most similar to the experience of suturing human skin?

Orange

Banana

Synthetic Skin

Pig skin

2. Video record of study session for one participant (see separate file)

Complete simple sutures on synthetic, incomplete simple and vertical mattress sutures on orange, complete simple and vertical mattress sutures on banana, incomplete subcuticular sutures on banana