



# P+EVOil

**KELULUT PROPOLIS + MOROCCAN  
COLD-PRESSED EXTRA VIRGIN OIL**

**Product Info**

An Innovative Product by:

**INTEGA**



# SCIENTIST & FORMULATOR

## PROF. DR. AZIZAN AHMAD

Chemist Expert, UKM

### FOREWORD

Prof. Dr. Azizan is a Professor in the Department of Chemical Sciences, Faculty of Science and Technology, UKM. He has keen interest in the research field of polymer electrolyte development for secondary Li-ion batteries and photovoltaic solar cell applications.

Apart from that, he has published more than 131 papers in international journal indexes and supervised more than 41 PhD and Master's postgraduates students. To date his H-index is 33 and the number of citations in refereed journals is 3799.



## **PROF. DR. AZIZAN AHMAD**

- Chemist Expert, UKM
- Formulator of P+EVOiL product.

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◆ Professor at the Department of Chemical Sciences, UKM Faculty of Science and Technology.

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◆ Researcher of Traditional Cold-Pressed Moroccan Olive Oil Extraction & Joint-Formulator of P+EVOiL.

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◆ Biopolymer-based Secondary Battery Specialist.

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◆ Researcher & Formulator of Kaolin White Ground Water Extract, specially for skin care.

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◆ Recipient of the UKM Career, Academic, Researcher and Innovation Award.

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◆ Contaminated Water Treatment Specialist based on Green Technology.

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◆ Visiting Professor in Japan, Sweden, Morocco and Indonesia.

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# AWARD



**Malaysia Outstanding Employee Award**

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**2004**

**Publication Award**

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**2011**

**Community Service Award**

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**2011**

**UKM Teaching Excellence Award**

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**2012**

**UKM Science Cluster Outstanding Young Educator Award**

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**2014**

**Outstanding Service Award**

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**2017**

**UKM Outstanding Graduate Supervisor Award**

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**2017**

**UKM Speaker Award**

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**2018**

**MyRA Distinguish UKM Research Translation Award**

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**2018**



# SCIENTIST & FORMULATOR

## EN. MOHD RAZIF BIN MAMAT

Scientist / Stingless Bee (Kelulut) Specialist, MGVI

### FOREWORD

Mr. Mohd Razif bin Mamat currently a scientist at the Malaysian Genome and Vaccine Institute under the Department of Synthetic Biology and Genetic Engineering, National Institutes of Biotechnology Malaysia, since 2010. He is actively involved in research on stingless bees, collaborating with government agencies such as MOSTI, MOH, MOE, and MAFI. Additionally, he participates in various community projects aimed at assisting small and medium enterprises in generating new income streams from stingless bee honey projects.

Among the projects he has been involved in are the MOSTI Social Innovation (MSI) initiatives in 2015 & 2016, which supported the indigenous people of Sepang, Selangor, in enhancing their income generation through the facilities of the MGVI that utilize nuclear magnetic resonance and DNA sequencing. In 2017, he collaborated with SIRIM and UMT on a project titled "Solving Industrial Problems through IoT Implementation in Stingless Bee Hives," which included honey analysis before and after IoT installation and the production of cosmetics from propolis and honey.



## **MR. MOHD RAZIF BIN MAMAT**

- Kelulut Specialist, MGVI
- Founder & Formulator of P+EVOiL product.

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◆ Scientist at the Malaysian Genome and Vaccine Institute (MGVI).

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◆ Kelulut Farm Operation National Occupational Skills Standard (NOSS) & Written Instructional Materials (WIM) Development Panel.

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◆ Member of the National Beekeeping Industry Development Technical Authority.

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◆ Member of the Authority for the Preparation of the National Kelulut Industry Development Plan.

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◆ National Industry Specialist (Kelulut) under the Skills Development Department.

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◆ Member of Working Group on Kelulut Honey, SIRIM (MS 2683:2017).

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◆ National Institutes of Biotechnology Malaysia (NIBM) and Ministry of Science, Technology and Innovation, Malaysia (MOSTI) Excellent Service Award.

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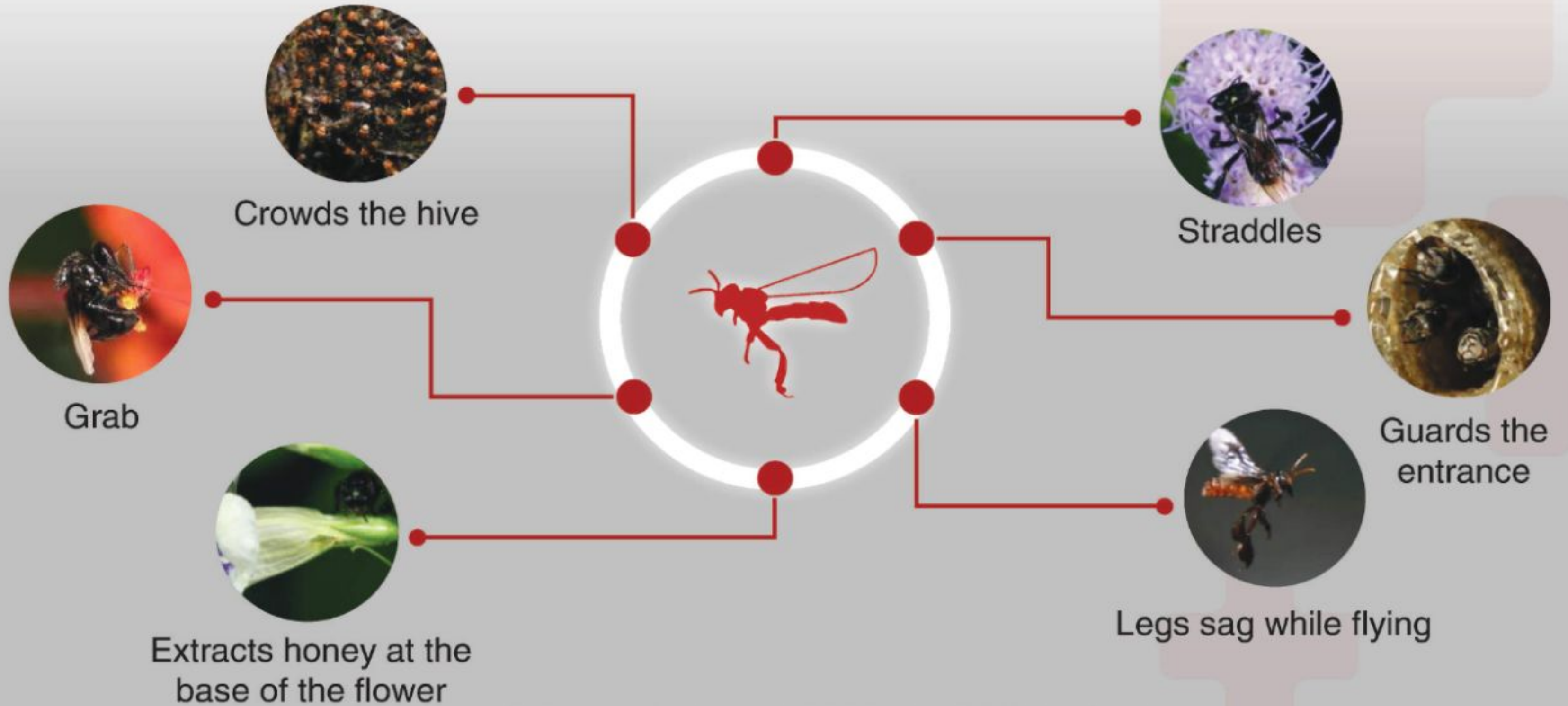
◆ National Technical Committee for the Development of the Beekeeping Industry (JTPIPN)

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# Introduction to **Kelulut**



# Kelulut Characteristics



Reference: Abu Hasan Jalil (Malaysian Kelulut Academy)

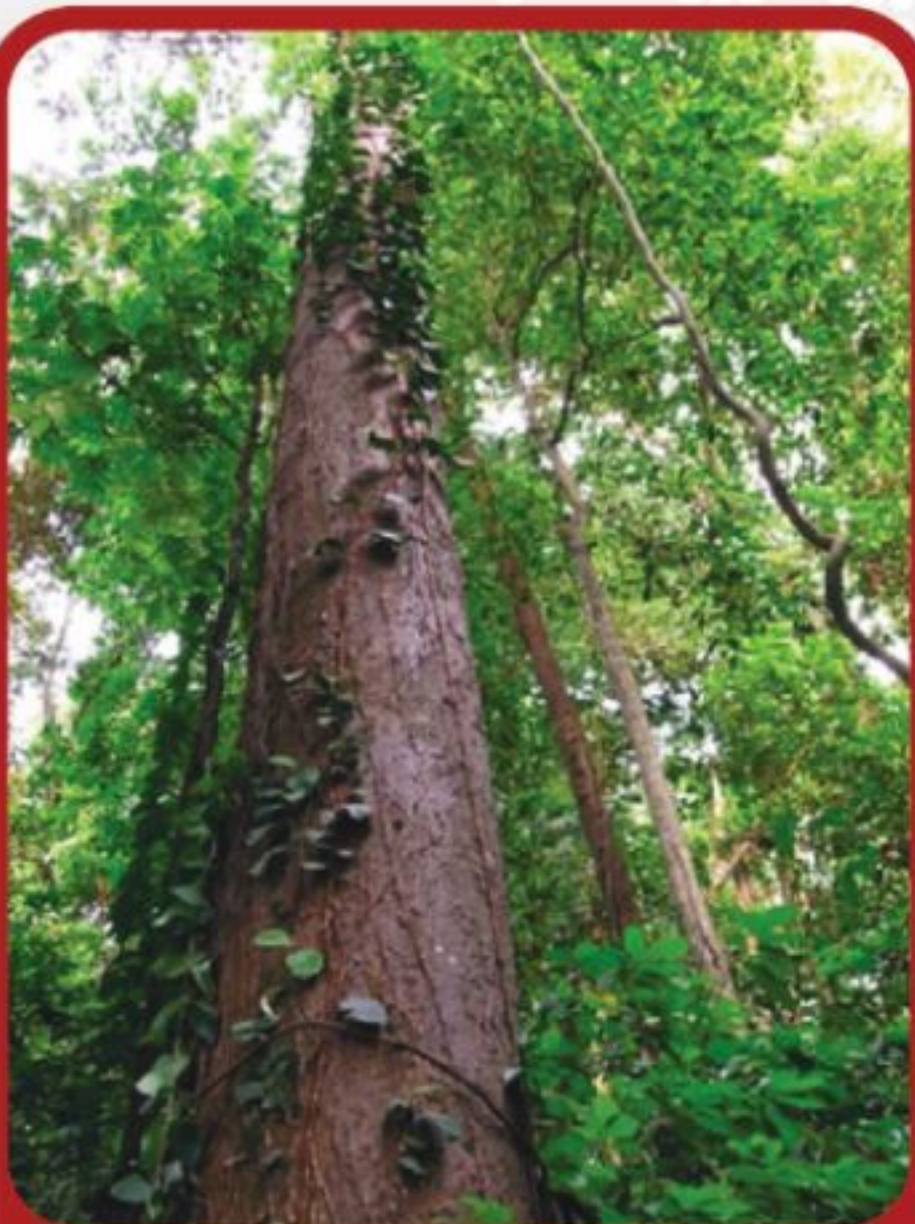


# Kelulut Habitat



South East Asia has humid tropical climate condition and there are many types of log trees (Dipterocarp) which are the main habitat of Kelulut. The resin produced by the log tree becomes a source of construction for Kelulut hive. **The main Ingredient of P+EVOiL is the propolis which is sourced from resinous Kelulut hive of log trees (Dipterocarp).**

# Kelulut Habitat



Keruing Tree  
(*Dipterocarpus Baudii*)



Red Meranti Tree  
(*Shorea-Parvifolia*)

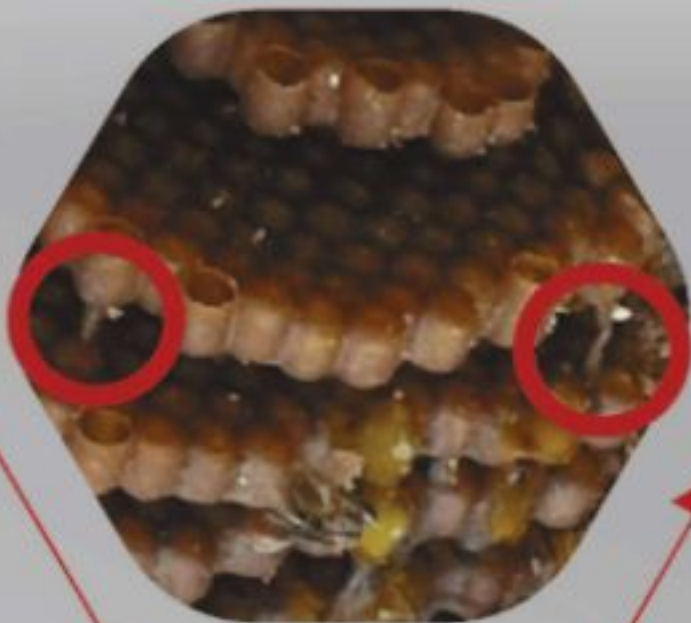


INDO MALAYA  
CLADE

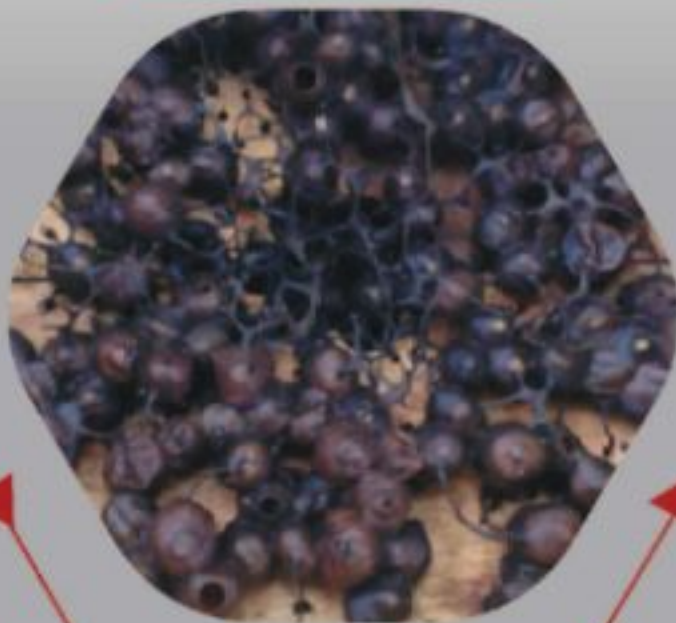
# Kelulut Propolis



EGGS



HONEY SACS



COLONY



PROPOLIS



**Certificate of Approval,  
Certificate of Analysis,  
Industry Expert Certificate  
(Kelulut)**







# Certificate Formulator - Kelulut Expert Panel



SIRIM

Contribution to Produce  
Malaysian Standard  
MS 2683:2017 Kelulut Honey

Ministry of Ministry of  
Agriculture (MAFS)

Kelulut Farm Operation  
Development & Supervision  
Expert Panel

Ministry of Agriculture (MAFS)

Training Manual  
Development Panel

# Product Information & User Feedback





# Product Information



<b>Product Name</b>	<b>P+EVOiL</b> ( <i>Kelulut Propolis + Moroccan Cold-Pressed Extra Virgin Olive Oil</i> )
<b>Ingredients</b>	Kelulut Propolis, Sunflower Oil, Moroccan Cold-Pressed Extra Virgin Olive Oil
<b>Net Volume</b>	10ml
<b>Shelf Life</b>	36 Months @ 3 Years
<b>Packaging</b>	1 Bottle in 1 Box (as per the diagram attached)
<b>MOH Approval</b>	NOT220309478K
<b>Scientist / Formulator</b>	Prof Dr. Azizan Ahmad (Chemist Expert, UKM) En.Mohd Razif Mamat (Kelulut Expert, MGVI)



# Product Information



## Main Uses

- ◆ Helps speed up wound healing (Accident, surgery, or bed sore).
- ◆ Helps treat skin problems such as eczema, rashes and itching (allergic or insect bites).
- ◆ Helps to treat skin burns or scalds.
- ◆ Helps reduce swelling or inflammation.

## Direction of use

Shake well before use. Drip the appropriate amount on the skin after cleansing. Use daily; day and night. Suitable for all skin types.

## Precaution

For external use only. Avoid eye area. If eye contact occurs, flush gently and thoroughly with water. This product contains natural ingredients, minor difference in color or odor is common effect, please feel free to use.

## Advice

- User should take precautions as below:
- i. For sensitive skin, please perform skin test prior to usage. Discontinue use if rash or irritation occurs.
  - ii. If irritation persists, consult your dermatologist or healthcare practitioner.
  - iii. Keep sealed and store in cool, dry place away from direct sunlight.



# Patient Case Study 1\*

Open wounds on the top of the heel and shins, as well as blisters (water blisters) on the soles of the feet (Patient from Tungku Ampuan Rahimah, Hospital, Klang).

**Patient Name:** Faidzan bin Hassan

**Age:** 63 years old

**Direction of use:**

= 3ml to 4ml per day x 90 days

= **300ml @ 30 Bottles**



After nearly 2 years of postoperative open wound management with skin grafts, recovery is accelerated and new skin regrowth took only approximately 3 months.

*\*Patients with Necrotizing Fasciitis and Type 2 Diabetes Mellitus & passed away on 14 Nov 2023 due to a heart condition.*



# Patient Case Study 2

Finger cut by glass and required stitches.



**Patient Name:** Fatiha binti Faidzan

**Age:** 35 years old

**Direction of use:**

= 2ml x 5 days

= 10ml @ 1 Bottle



Day 1



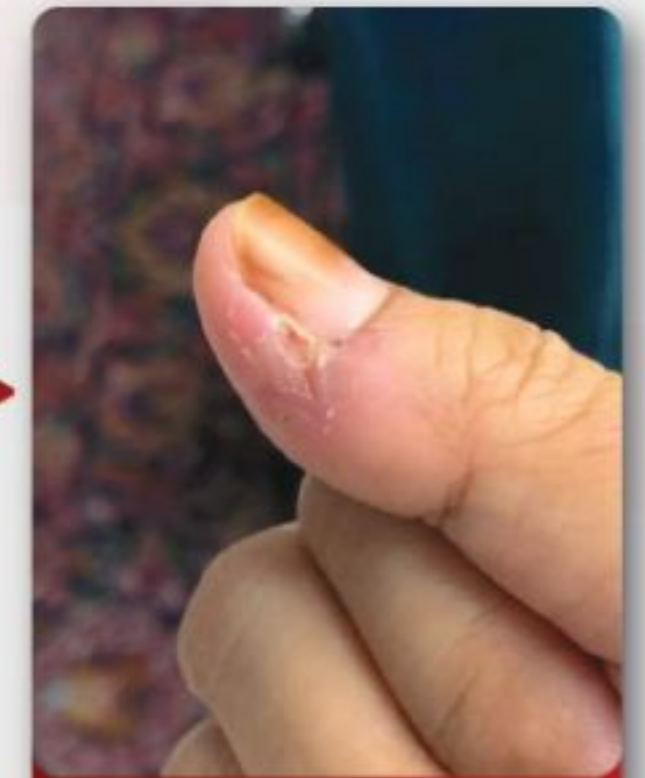
Day 2



Day 3



Day 4



Day 5

Doctors estimate a healing period of three weeks, but the stitches can be opened within a week and it took less than a week to heal after that.



# Patient Case Study 3

Hand burns from hot oil.



**Patient Name:** Nazil Saad Alhakim

**Age:** 25 years old

**Direction of use:**

= 3ml x 7 days

= 20ml @ 2 Bottles



Day 1



Day 2



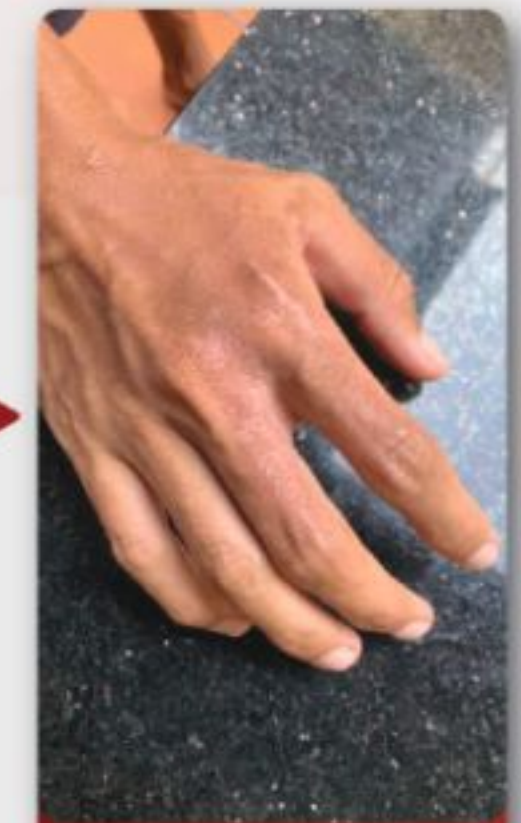
Day 3



Day 4



Day 5



Day 6

Within a week of use, new skin grows and recovery of blisters (water bubbles) burst quickly.



# Patient Case Study 4

Finger cut by knife while cutting meet.

**Patient Name:** Ahmad Syauqi

**Age:** 34 years old

**Direction of use:**

= 1.5ml x 7 days

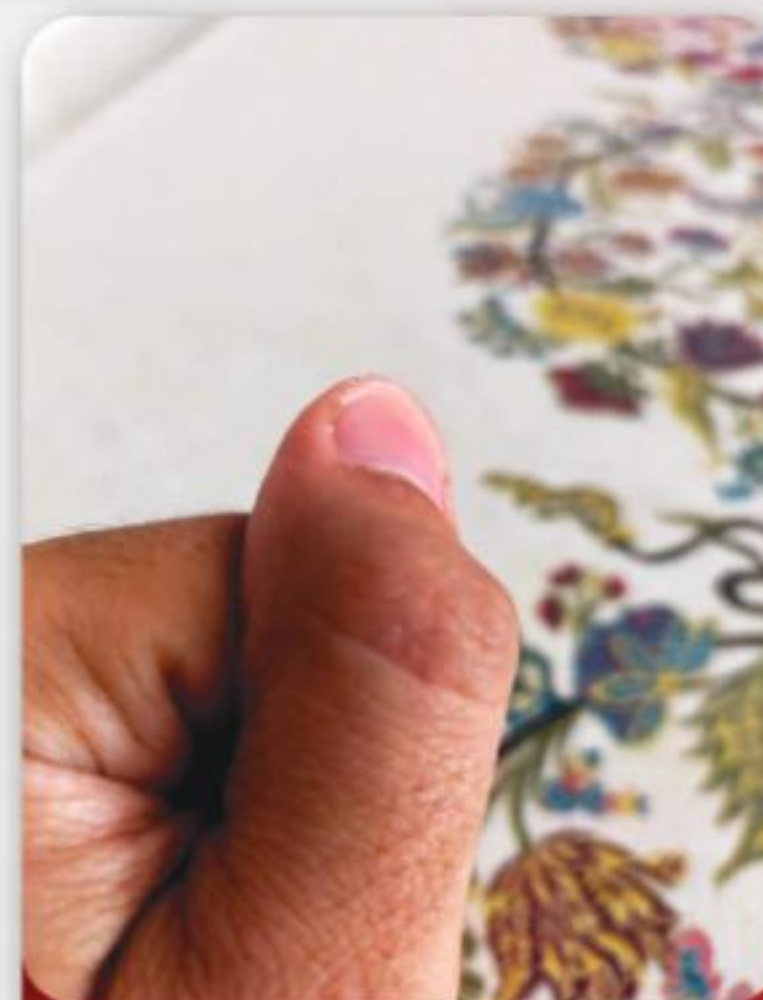
= 10ml @ 1 Bottle



Day 1



Day 2



Day 7



# Patient Case Study 5

Child's foot injury, stepped on broken glass.



**Patient Name:** Qi Azim

**Age:** 4 years old

**Direction of use:**

= 1ml x 3 times x 3 days

= 10ml @ 1 Bottle



Day 1



Day 2



Day 3



# Patient Case Study 6

Child's forehead injury, walked into a wall corner (patient from An-Nur Hospital, Bangi)

**Patient Name:** Qi Anas

**Age:** 6 years old

**Direction of use:**

= 5ml x 1 times x 1 day

= 5ml @ 1/2 Bottles



Day 1



Day 2



Day 3





# Patient Example 7

Wrist injury from falling off a treadmill.



**Patient Name:** Nasrullah bin Mat Nor

**Age:** 11 years old

**Direction of use:**

= 10ml x 4 days

= 40ml @ 4 Bottles



Day 1



Day 2



Day 3



Day 4



# Patient Example 8

Wounded heel of a child's foot after being pierced by a fishing hook.

**Patient Name:** Nasrullah bin Mat Nor

**Age:** 11 years old

**Direction of use:**

= 5ml x 1 day

= 5ml @ 1/2 Bottle



Day 1



Day 2



# Patient Example 9

Road accident (injury and swelling on the arm).

**Patient Name:** Ridzuan bin Md Razi

**Age:** 37 years old

**Direction of use:**

= 10ml x 30 days

= 300ml @ 30 Bottles



**Day 1**  
Before Application



**Day 2**



**Day 3**



**After 30 days**  
Healed Completely



# Patient Example 10

Knee injury and swelling due to a road accident.



**Patient Name:** Raja Mohd Farhan

**Age:** 34 years old

**Direction of use:**

= 50ml x 60 days

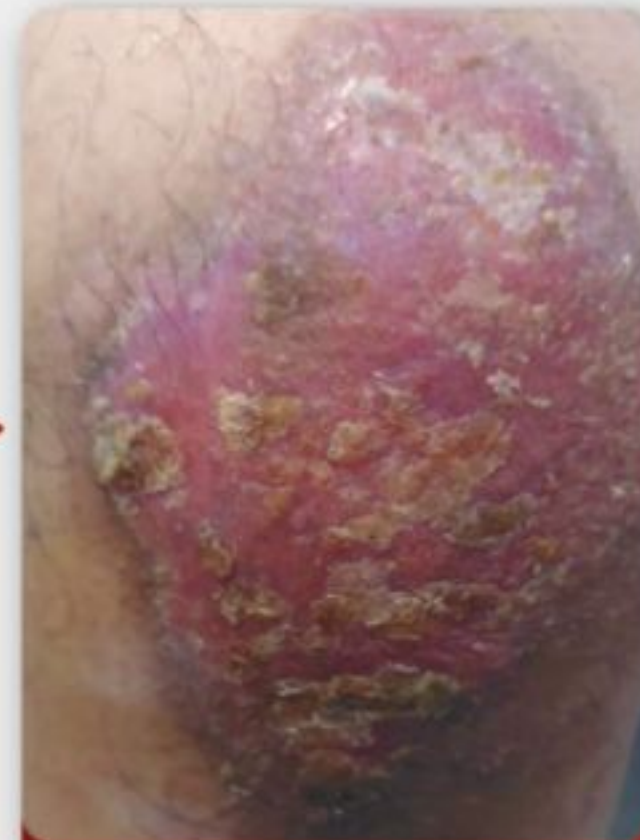
= 300ml @ 30 Bottles



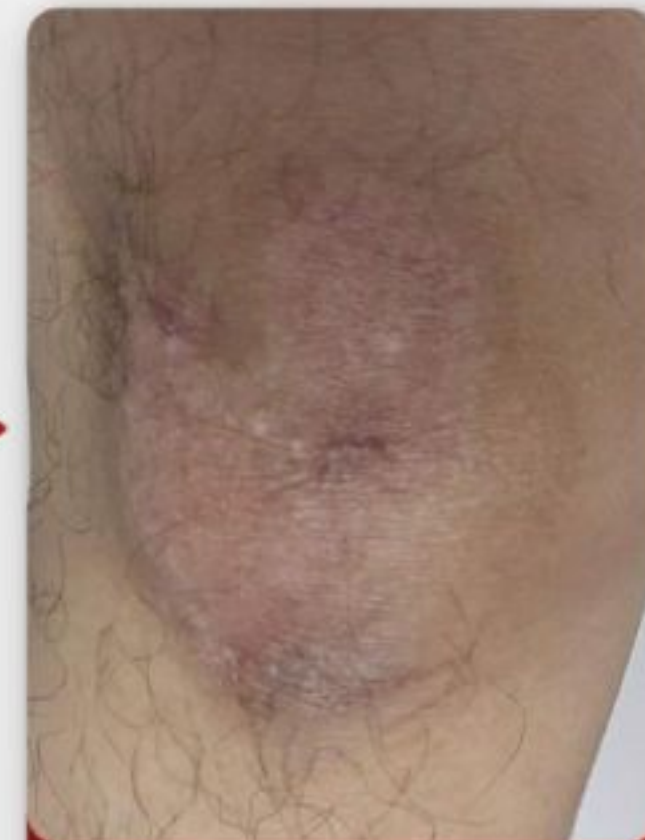
Day 1



Day 9



Day 19



Healed Completely on  
Day 60



# Patient Example 11

Road accident (patient from Cyberjaya Hospital – monitored by Dr. Peter).

**Patient Name:** Corporal Azizul

**Age:** -

**Direction of use:**

= 3 times per day

= 5 Bottles for 2 Weeks



Day 1

Day 2



# Patient Example 11

Road accident (patient from Cyberjaya Hospital – monitored by Dr. Peter).

**Patient Name:** Corporal Azizul

**Age:** -

**Direction of use:**

= 3 times per day

= 5 Bottles for 2 Weeks



# Patient Example 11

Road accident (patient from Cyberjaya Hospital – monitored by Dr. Peter).

**Patient Name:** Corporal Azizul

**Age:** -

**Direction of use:**

= 3 times per day

= 5 Bottles for 2 Weeks



Day 4



Day 5



Day 7

Day 14



# Patient Example 11

Road accident (patient from Cyberjaya Hospital – monitored by Dr. Peter).

**Patient Name:** Corporal Azizul

**Age:** -

**Direction of use:**

= 3 times per day

= 5 Bottles for 2 Weeks



Day 14



Day 16



Day 39





# Patient Example 12

Face injury and swelling due to a road accident (patient from HUKM).

**Patient Name:** Zura

**Age:** 38 years old

**Direction of use:**

= 7ml x 7 days

= 50ml @ 5 Bottles



Day 5



Day 7





# P+EVOil

**KELULUT PROPOLIS + MOROCCAN  
COLD-PRESSED EXTRA VIRGIN OIL**



**1 BOX**

● 1 bottle x 10ml

An Innovative Product by:

**INTEGA**