

**Makalah Ilmiah
(ORAL PRESENTATION)**

“Experience in Managing Burn Injury due to Semeru Mountain
Eruption “

Disampaikan pada acara

*Faculty of Medicine Udayana University International Symposium on Burn and Plastic with
topic of “Strengthening The Role Of Plastic Surgery In Health Care Service”*

Di Prof. Dr. Ngoerah Meeting Room, Faculty of Medicine, Udayana University, Denpasar, Bali

Virtual via Zoom meeting

Oleh:

Ulfa Elfiah



FACULTY OF MEDICINE
UDAYANA UNIVERSITY
INTERNATIONAL SYMPOSIUM
ON BURN AND PLASTIC SURGERY

Endorsed by:

ASIA PACIFIC BURN ASSOCIATION (APBA),
INDONESIAN SOCIETY OF PLASTIC
RECONSTRUCTIVE & AESTHETIC SURGEON
(INAPRAS/PERAPI)
AND INDONESIAN BURN &
WOUND HEALING SOCIETY (INA-BWS)

**FREE
REGISTRATION**

CALL FOR FREE PAPER AND E-POSTER



STRENGTHENING
THE ROLE OF
PLASTIC SURGERY
IN HEALTHCARE SERVICE

HYBRID

29 October
07:00 - 16:35 WITA
(GMT+8)
FACULTY OF
MEDICINE
UDAYANA UNIVERSITY

+6281291370969 (dr. Violetti Valentin)



zoom

<https://tinyurl.com/IntSymBPREUnudZOOM>

Scan QR Code to Register

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tinyurl.com/IntSymRegistration



tinyurl.com/AbstractSymBPREUnud



MINISTRY OF EDUCATION, CULTURE,
RESEARCH AND TECHNOLOGY
UDAYANA UNIVERSITY
FACULTY OF MEDICINE
**PLASTIC, RECONSTRUCTIVE AND AESTHETIC SURGERY
STUDY PROGRAM**

Sekretariat: Divisi Bedah Plastik Rekonstruksi dan Estetik
Departemen Ilmu Bedah FK UNUD/RSUP Prof. Dr. I.G.N.G Ngoerah Denpasar.
Jl. Diponegoro Denpasar; Telepon: (0361) 257397; Email:
prodibedahplastik@unud.ac.id

Denpasar, October 6th , 2022

Number : 004/ UN14.2.2.V.28/Sympo/2022

Subject : Invitation as Speaker

Dear dr. Ulfa Elfiah, SpBP-RE(K)

Institution : University of Jember - Indonesia

We cordially invite you to be a speaker in *Faculty of Medicine Udayana University International Symposium on Burn and Plastic* with topic of “Strengthening The Role Of Plastic Surgery In Health Care Service”. The event will be held at :

Date : Saturday, October 29th , 2022

Time : 08.00 am – 05.00 pm(GMT +8)

Place : - Prof. Dr. Ngoerah Meeting Room, Faculty of Medicine, Udayana University, Denpasar, Bali

- Virtual via Zoom meeting (link to be announced)

Attached is the time slot for your session: “Experience in Managing Burn Injury due to Semeru Mountain Eruption “. It will be an honor for us, if you would be able to attend and participate in this event.

Best Regards,
Head of The Committee,

Dr. dr. I Nyoman Putu Riasa, Sp.BP-RE(K)
NIP.196812251997031002



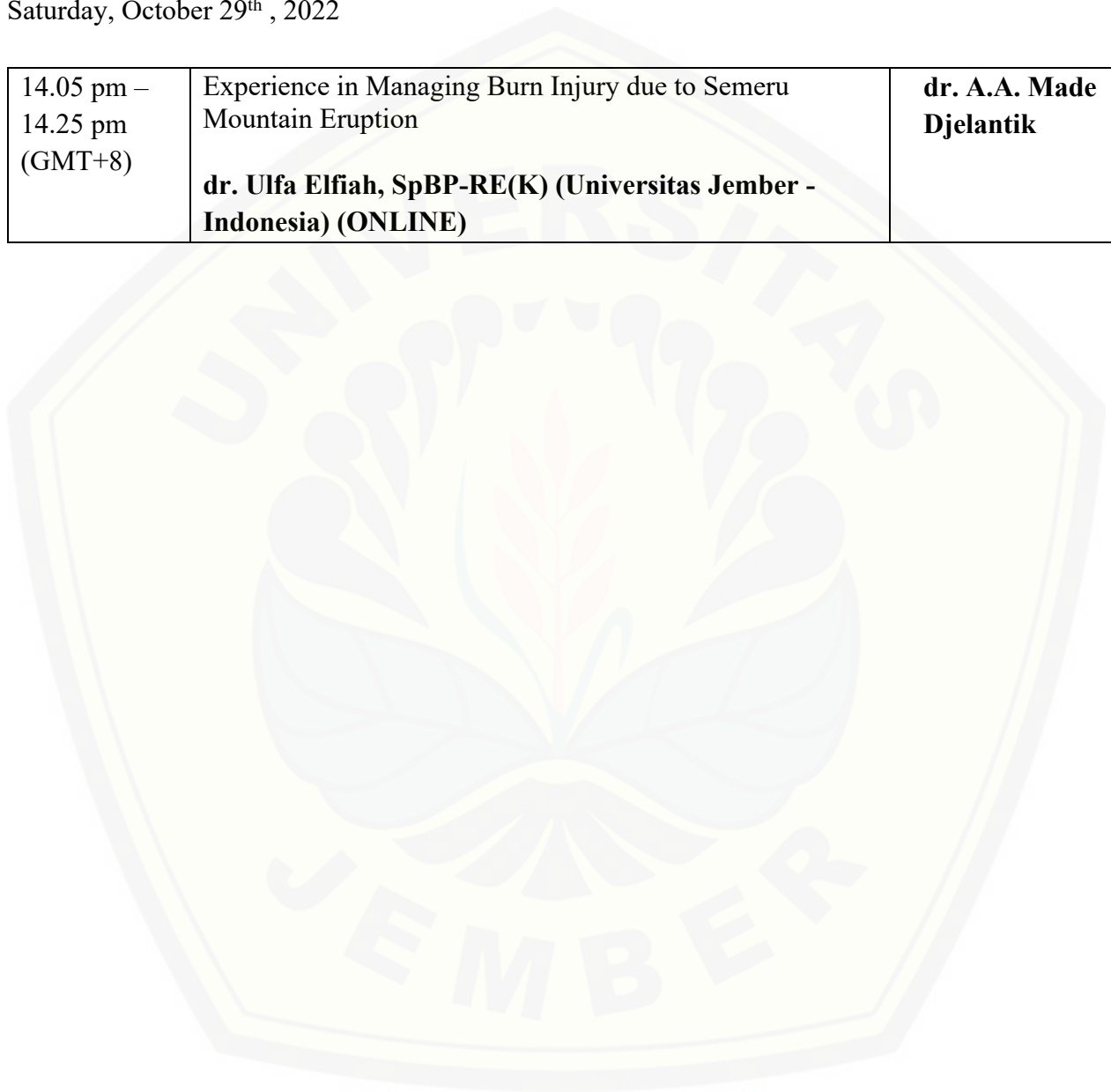
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TIME SESSION

Saturday, October 29th, 2022

14.05 pm – 14.25 pm (GMT+8)	Experience in Managing Burn Injury due to Semeru Mountain Eruption dr. Ulfa Elfiah, SpBP-RE(K) (Universitas Jember - Indonesia) (ONLINE)	dr. A.A. Made Djelantik
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**RUNDOWN OF FACULTY OF MEDICINE UDAYANA UNIVERSITY
INTERNATIONAL SYMPOSIUM ON BURN AND PLASTIC SURGERY**
“Strengthening The Role of Plastic Surgery in Health Care Service”

Saturday, 29th October 2022 – Symposium and E-Poster

Time (GMT+8)	Event	Room
07.00 – 07.55	Registration	dr. A.A. Made Djelantik
08.00 – 08.45	National Anthem: Indonesia Raya Opening Speech: <ul style="list-style-type: none"> - Head of Committee - Chairman of InaPRAS - President Director of Prof. Dr. I.G.N.G. Ngoerah Hospital - Dean of Faculty of Medicine University of Udayana Beating the Gong as the Symbol of the Opening Event by The Dean of Faculty of Medicine University of Udayana	
08.45 – 08.55	Coffee Break	
Session 1	Moderator : dr. I Made Suka Adnyana, SpBP-RE(K) (Udayana University - Bali, Indonesia)/ dr. Nandita Melati Putri, SpBP-RE(K) (University of Indonesia -Jakarta Indonesia)	
09.00 – 09.20	Ethics in burn management and accommodating Ina-CBGs in burn cases dr. Najatullah, SpBP-RE(K), MARS. (Diponegoro University – Semarang Indonesia)	dr. A.A. Made Djelantik
09.20 – 09.40	Burn wound management using stem cells and tissue engineering dr. Afriyanti Sandhi, SpBP-RE(K). (Pertamina General Hospital– Jakarta, Indonesia)	
09.40 – 10.00	Early tangential excision or late excision in burn management: consideration in making decision Dr. dr. Aditya Wardhana, SpBP-RE(K). (University of Indonesia– Jakarta, Indonesia) (ONLINE)	
10.00 –10.10	Panel Discussion	
Session 2	Moderator : dr. Najatullah, SpBP-RE(K), MARS. (Diponegoro University – Semarang Indonesia / Dr. dr. Irena Sakura Rini, Sp.BP-RE(K), MARS (Dharmais Hospital - Jakarta, Indonesia)	
10.15 – 10.35	Reconstructive Microsurgery of Hand & Upper Extremities in burns and trauma Prof. Dr. Wan Azman Wan Sulaiman (University Sains Malaysia - Malaysia) (ONLINE)	dr. A.A. Made Djelantik



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10.35 – 10.55	The benefit of musculocutaneous flap on management of high voltage electric injury defect Dr. dr. I Nyoman Putu Riasa, SpBP-RE(K) (Udayana University - Bali, Indonesia)	
10.55 – 11.15	The Most Current Burn Reconstruction: From Conservative Therapy to Scar Surgery Prof. Rei Ogawa, MD, PhD, FACS. (Nippon Medical School-Tokyo Japan) (ONLINE)	
11.15 – 11.25	Panel Discussion	
11.30 – 12.25	Lunch	
Session 3	Moderator : Dr. dr. I Nyoman Putu Riasa, SpBP-RE(K) (Udayana University - Bali, Indonesia)/ dr. Afriyanti Sandhi, SpBP-RE(K). (Pertamina General Hospital– Jakarta, Indonesia)	
12.30 – 12.50	Review of different skin substitute and novel technique using amnion bilayer graft with stem cells dr. Nandita Melati Putri, SpBP-RE(K) (University of Indonesia -Jakarta Indonesia)	dr. A.A. Made Djelantik
12.50 – 13.10	The role of cadaveric skin in major burn management and cadaveric skin processing for tissue banking Niann-Tzyy Dai, MD, PhD (Tri-Service General Hospital, National Defense Medical Center, Taipei, Taiwan) (ONLINE)	
13.10 – 13.30	Decision Making in Plastic Surgery, how to keep having patient but productive in publishing paper and financially sufficient Prof. Dr. Mehmet Oguz Yenidünya (Bursa Uludag University - Turkey) (ONLINE)	
13.30– 13.40	Panel Discussion	
Session 4	Moderator: dr. I Gusti Putu Hendra Sanjaya, SpB, SpBP-RE(K) (Udayana University - Bali, Indonesia) / Dr. dr. Agus Roy Rusly Hariantana Hamid, SpBP-RE(K) (Udayana University – Bali, Indonesia)	
13.45 – 14.05	Complicating Factors on Chronic Wound Healing dr. Badriyatud Dini, SpBP-RE(K) (Maulana Malik Ibrahim National Islamic University – Malang, Indonesia)	dr. A.A. Made Djelantik
14.05 – 14.25	Experience in Managing Burn Injury due to Semeru Mountain Eruption dr. Ulfa Elfiah, SpBP-RE(K) (Jember University - Indonesia) (ONLINE)	
14.25 – 14.45	Current Perspective in Pressure Injury Management dr. Gede Wara Samsarga , Sp.BP-RE (Udayana University - Bali, Indonesia)	
14.45– 14.55	Panel Discussion	



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15.00 – 15.10	Coffee Break	
Session 5	Moderator : dr. Badriyatud Dini, SpBP-RE(K) (Maulana Malik Ibrahim National Islamic University – Malang, Indonesia) / dr. Putu Ardhy Parama Widyatmika, M.Ked.Klin, SpBP-RE (Bhayangkara Denpasar Hospital - Bali, Indonesia)	
15.15 – 15.35	The role of augmented reality in plastic surgery Dr Rachna Ram (Monash University - Victoria, Australia)	dr. A.A. Made Djelantik
15.35 - 15.55	Aesthetic Surgery: Face Lift dr. I Made Suka Adnyana, SpBP-RE(K) (Udayana University - Bali, Indonesia)	
15.55 – 16.15	Body Contouring Procedure: Liposuction Dr. dr. Irena Sakura Rini, Sp.BP-RE(K), MARS (Dharmais Hospital - Jakarta, Indonesia)	
16.15 – 16.25	Panel Discussion	
16.30 – 16.40	Closing ceremony E-Poster winner announcement	dr. A.A. Made Djelantik

E-Poster Competition:		
Moderator : dr. I Gede Wara Samsarga, SpBP-RE		
Free paper Session (Case Report Presentations).		
Moderator: dr. Astrinita Lestari Suyasa, SpBP-RE		
Judge Coordinator: dr. Nandita Melati Putri, SpBP-RE(K) / dr. Putu Trisna Utami, SpBP-RE / dr. Loelita Marcelia Lumintang, SpBP-RE		
10.48-12.25		Room: Prof dr IGNG Ngoerah



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10.48-12.25	Room: Prof dr IGNG Ngoerah
1	Urethoplasty Technique For Treatment Midshaft Hypospadias And Micropenis: A Case Report dr I Wayan Arimbawa, Dr. dr. I Nyoman Putu Riasa, SpBP-RE(K)
2	Temporomandibular Joint Ankylosis and Mandibular Hypoplasia due to Neglected Pediatric Condylus Mandibular Fracture: A Case Report/ Free Paper dr Gede Janardana, Dr. dr. I Nyoman Putu Riasa, SpBP-RE(K)
3	Bilateral Inguinal Dissection Defect Reconstruction Using Bilateral Pedicle ALT Flap. Following Lymphnode Dissection On Penile Cancer : A Case Report dr. Anak Agung Ngurah Andri Ginesthira, Dr. dr. I Nyoman Putu Riasa, SpBP-RE(K)
4	Composite Harvesting Technique Of Musculocutaneous Latissimus Dorsi Flap To Cover Long Defect Of The Upper Limb: A Case Report dr. Ketut Bagus Deddy Maharya Wasudewa, Dr. dr. I Nyoman Putu Riasa, SpBP-RE(K)
5	Correction of Macrodactyly of the Foot : A Case Report / Free Paper dr. Jenisa Amanda Sandiarini Kamayana, dr. Grace Inriani Rongre, Dr. dr. I Nyoman Putu Riasa, SpBP-RE(K)
6	Chronic Inflammation Xanthogranulomatous Fibrotic Tissue As A Long Term Complication of Breast Implant: A Case Report dr. Nyoman Ayu Wulan Purnami Retayasa, Dr. dr. I Nyoman Putu Riasa, SpBP-RE(K)
7	Outcome Characteristics Patient of Burns Injury in Tertiary Hospital : The 2 Years



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	Experience dr. Yuni Ariani	
8	First Recorded Case of Ring Chromosome 7 Syndrome in Indonesia with Bilateral Cleft Lip and Palate dr. Clara Menna	
9	Latissimus Dorsi Flap After Mastectomy Surgery: Case Series dr. Cecilia Young	
10	Salmon DNA as A New Strategy for The Improvement of A Hypertrophic Scar: An Interesting Case Report dr. Andi Muh. Octavian Pratama	
11	Retrobulbar Tumor: A Case Report dr. Made Gian Indra Rahayuda	
12	Management Of Mandibular Parasymphysis Fracture: A Case Report dr. Desak Putu Kunti Wedayanti	
13	The Role of Platelet-Rich Plasma in Burn Wound Healing : A Literature-Review dr. Ni Kadek Parswa Diah Pradnyandari	
14	Panel Discussion	

Experience in Managing Burn Injury due to Semeru Mountain Eruption

ULFA ELFIAH

FACULTY OF MEDICINE, UNIVERSITY OF JEMBER

SEMERU



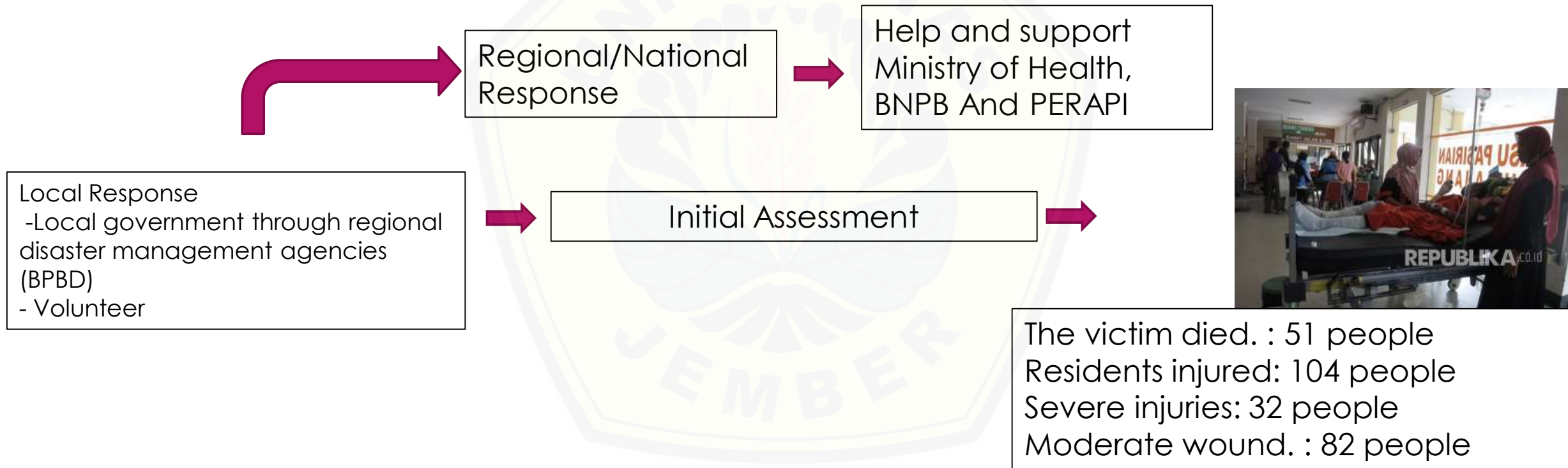
- The third highest, beautiful and still active volcano in Indonesia
- Location between Lumajang and Malang
- History erupted since 1818

SEMERU ERUPTION



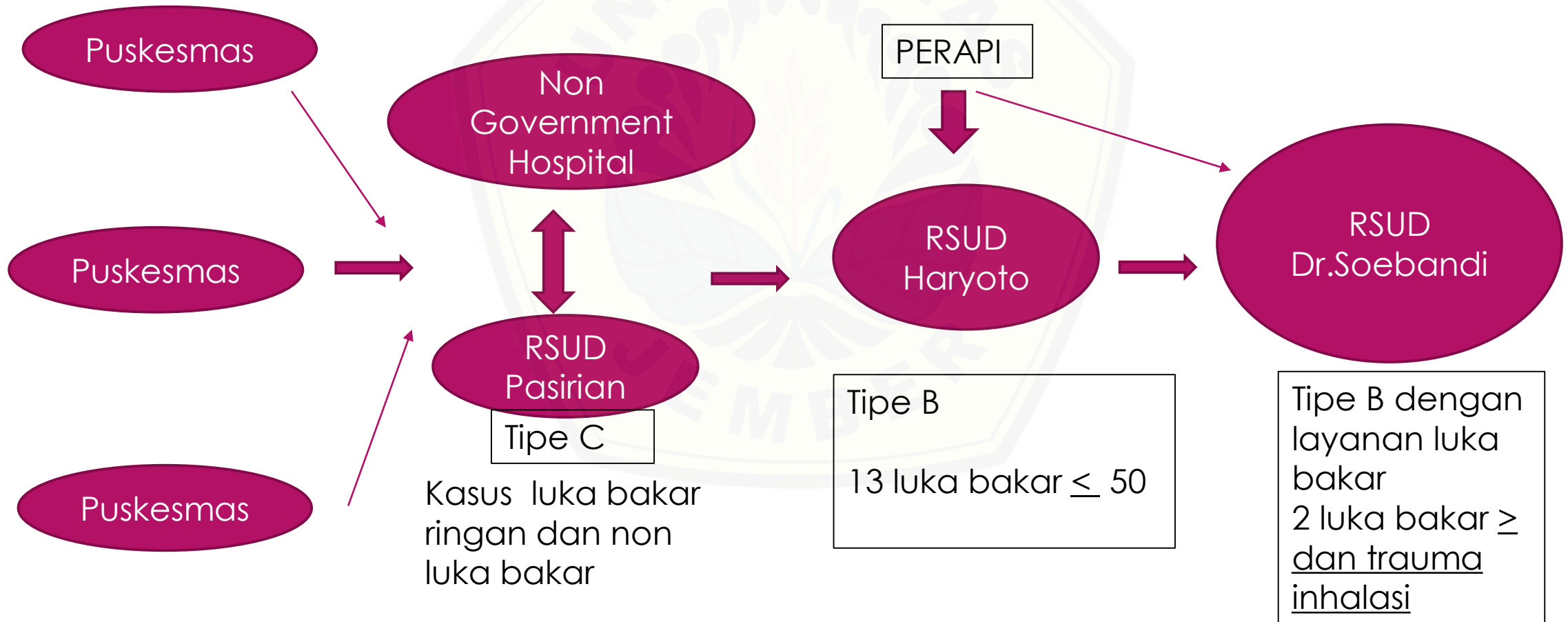
Beauty turned into disaster, there was an eruption on December 4, 2021

RESPONSE TO THE SEMERU DISASTER



RESPONSE TO THE SEMERU DISASTER

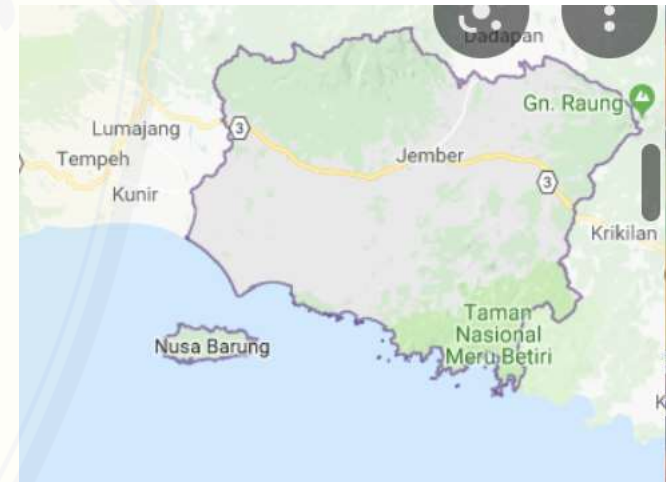
TRIAGE



Management of Handling Victims at Soebandi Hospital, Jember

Jember is the closest area to Lumajang which has burn care services

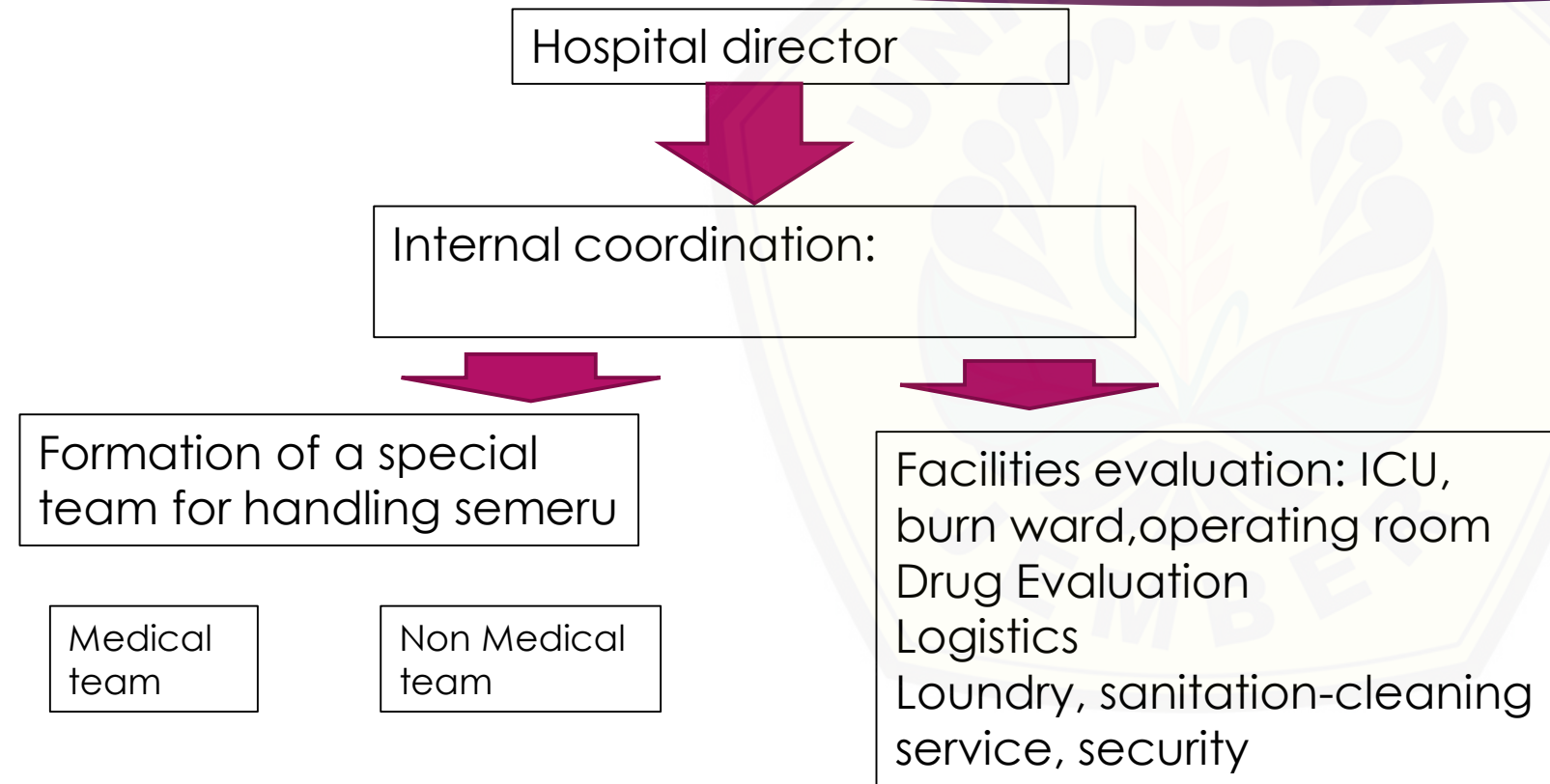
Dr. Soebandi Hospital as a referral hospital for the Besuki Residency area



Hospital Management

- Generally refers to the integrated national disaster management and emergency system
- Pre-hospital components, hospital components, inter-hospital components.
- Supporting components, such as communication and transportation.
- Human resources components, such as health workers, the general public, special communities, police officers, PMI, firefighters.
- Component sectors, which include sectors in the health and non-health sectors.

Hospital Management



MEDICAL TEAM

Plastic Surgeon as chief of disaster management



The duty and obligation are:

- to coordinate related to the medical needs of disaster victims
- To make a schedule for initial and follow-up treatment for referral victims
- Perform routine internal coordination of Subandi Hospital and external with Haryoto Hospital and Lumajang Government and PERAPI

Lampiran 1 : Keputusan Direktur
Nomor : 800/353/610/2021
Tanggal : 06 Desember 2021
Perihal :

**SUSUNAN TIM PENANGGULANGAN KORBAN BENCANA GUNUNG SEMERU
KABUPATEN LUMAJANG DI RUMAH SAKIT DAERAH dr. SOEBANDI JEMBER**

Pembina : dr. Hendro Soelistijono, M.M.,M.Kes
Penanggung Jawab : dr. Triwiranto

A. Tim Medis

Koordinator : dr. Ulfia Elfiyah, M.Kes. Sp.BP-RE (K)
Anggota : 1. dr. Primanto Bhakti Leksmna, Sp. B (K) Onk
2. dr. Wiwiek Andrijani, Sp.An.
3. dr. Achmad Wahib Wahyu Winarso, Sp.An, KNA-NCC
4. dr. Suparno Adi Santika, Sp.An, KIC, MH
5. dr. Haris Darmawan, Sp.An
6. dr. Taufiq Gemawan, Sp.An
7. dr. Budi Suwarno, Sp.U
8. dr. Ainul Miftah Azizain, Sp.OT
9. dr. Arswendo Ika Murthy, Sp.PK (K)
10. dr. Yuli Hermansyah, Sp.PD
11. dr. Lutfir Rahman Taris
12. dr. Rizqi Alief Prabowo
13. dr. Gilang Vigorous Akbar Eka Candy
14. dr. Erdito Muro Suyono

B. Tim Non Medis

Koordinator : Ns. Erna Nurhayati, S.Kep
Anggota : 1. Ns. Muhamad Syafari, S.Kep
2. Ns. Siswoyo, S.Kep
3. Ns. Edi Suyanto, S.Kep
4. Helga Rosita, S.Si. Apt

Ditetapkan di : J E M B E R
Pada tanggal : 06 Desember 2021

DIREKTUR
RUMAH SAKIT
DAERAH
dr. HENDRO SOELISTIJONO, M.M., M.Kes
NIP. 19660418 200212 1 001

Disaster Victims: Case 1

- **Male/L/30Th/BP(K)Burn/Burn Injury with Grade IIAB-III 75% BSA+ Inhalation Trauma**
- **referred on December 5, 2021**
- **Treated in ICU**
- **Wound care program**
- **Problems during treatment: hypoalbumin, impaired liver and kidney function, SIRS, electrolyte and acid-base disturbances**
- **Victim died on day 3**



Disaster Victims : 2

**Male/26Th/ /Burn Injury
with Grade IIAB –III total
36% BSA + Inhalation
Trauma**

- referred on December 5, 2021
- Treated in ICU



Disaster Victims : 2

- Wound care program :
 1. Debridement + STG on second day about 2-3%
 2. Wound care every 3
- Problems during treatment:
hypoalbumin, impaired liver and kidney function, electrolyte and acid-base disturbances
- Sepsis with MRSA (+)
- - Victim died on day 14



evaluation of cause of death

- **Problems in pre-hospital treatment because the victim was found a few hours after the incident**
- **Delay in referral**
- **Severe trauma and infection**

External coordination

Wound care and patient observation with the PERAPI Indonesia plastic surgery team at Lumajang Hospital



Conclusion

- **always alert for natural disasters, especially volcanic eruptions**
- **evaluation of the disaster system at any time based on previous events**

THANK YOU



The image shows a Zoom meeting window on a Mac OS desktop. The top menu bar includes 'zoom.us', 'Meeting', 'View', 'Edit', 'Window', and 'Help'. The system clock shows 'Sat 29 Oct 13:54'. The meeting title is 'Zoom Meeting'. A notification from 'BRAVE BROWSER' is visible, stating 'Notifications may include alerts, sounds, and icon badges.' A chat window from 'BU' contains the text: 'If there are questions from symposium participants, the participants can write down the questions in the chat box. Thank You.' The main meeting area shows a 'Recording' indicator and a notification: 'A participant has enabled Closed Captioning. Who can see this transcript? Recording On'. The video content features a panel of three people (two men and one woman) seated on a stage. Below them is a large purple banner for a 'MINI WEBINAR' titled 'DIMENSION COVID-19 ASPECTS' by 'MIMOGI, ET AL.' The banner also includes logos for 'Universitas Jember' and 'Symposium COVID-19'. The bottom of the screen shows the macOS dock with various application icons.



CERTIFICATE

No: 009/X/2022/SKP/IDI-Bali

To:

dr. Ulfa Elfiah, Sp.BP-RE(K)

as

SPEAKER

in

FACULTY OF MEDICINE UDAYANA UNIVERSITY
INTERNATIONAL SYMPOSIUM ON BURN AND PLASTIC SURGERY

**“STRENGTHENING THE ROLE OF
PLASTIC SURGERY IN HEALTHCARE SERVICE”**

*Plastic Reconstructive and Aesthetic Surgery Study Program
Udayana University - Prof. Dr. I. G. N. G. Ngoerah Hospital,
Denpasar*

October 29TH 2022

dr. I Made Suka Adnyana, Sp.BP-RE(K)
Study Program Coordinator of Plastic Reconstructive
and Aesthetic Surgery, Udayana University

Dr. dr. I Nyoman Putu Riasa, Sp.BP-RE(K)
Head of Committee

Speaker: 8 SKP, Participant: 4 SKP, Moderator: 2 SKP, Committee: 1 SKP