

GUIDE BOOK



International Seminar Resource, Environment, and Marine In The Global Challenge 29-30 September 2015



THEME OF The 1st ISREM 2015:

**“The Role Of Science and Technology In The Basis Of Environment
To Support Sustainable Resource Development”**

Wijaya Kusuma Surabaya University
2015

COMMITTEE OF EXECUTIVE

- Protector** : Rector of Wijaya Kusuma Surabaya University
 Prof. H. Sri Harmadji, dr., Sp.THT-KL (K)
- Charger** : Ir. Soepriyono, MT
 Vice Rector of Academic Affairs
- Steering Committee** :
 1. Drs. Ec. Rudi Pratono, Ak., MM, CA
 Vice Rector of General Administration Affairs
 2. Isetyowati Andayani, SH, MH
 Vice Rector of Student Affairs
 3. Prof. Dr. Ir. Achmadi Susilo, MS.
 Vice Rector of Relationship Affairs
 4. Prof. Dr. Ir. Didik Sulistyono, MS
 Universitas Negeri Jember
 5. Prof. Dr. Ruswati Surya Saputra, SE, MS
 Universitas Wijaya Kusuma Surabaya
 Universitas Utara Malaysia
 6. Prof. Dr. Basri Rashid
 Universitas Utara Malaysia

Organizing Committee

- Chairman** : Dr. Ir. Hary Sastrya Wanto, MS (LPPM)
- Chair I** : Drs. Ec. Iman Karyadi, Ak, MM, CA (F. Ekonomi)
- Chair II** : Drs. Muizzi (BAU)
- Secretary** : Ir. Endang Noerhartati, MP (F. Teknik)
- Secretary I** : Siti Azizah, S.Pd, MPd (F. Bahasa dan Sains)
- Secretary II** : Tjatusari Widiartin, S.Kom, M.Kom (F. Teknik)



THE EFFECT OF COFFEE ICE CREAM ON THE DECREASE OF THE CONTENT OF BLOOD URIC ACID ON THE PATIENT OF HIPERURISEMA IN MANUKAN WETAN SUB DISTRICT - SURABAYA

Hidayatus Sya'diyah, Nuh Huda, Diana Putri Januartiwi

Abstract: Some researchs indicates that coffee can reduce blood uric acid levels. One of coffee processing liked that is coffee ice cream. Purpose of this research is analyze giving influence of coffee ice cream to decrease of blood uric acid levels to hyperuricemia patient in Manukan Wetan village of Surabaya.

Design research is quasy-experimental with method non equivalent control group design. As population is hyperuricemia patient in Manukan Wetan village of Surabaya. With number of samples 38 mans who selected in probability sampling with method simple random sampling. Instrument of research applies observation sheet of blood uric acid levels. Data is analyzed by using statistic test paired t-test and independent t-test.

Result of research through paired t-test at group of experiment is got $p = 0,000$, means there are difference between pre-test and post-test after given therapy coffee ice cream. paired t-test at group of control is got $p = 0,081$, means happened improvement of blood uric acid levels to group of control that is not given therapy coffee ice cream. At test result iadependent t-test is got $p = 0,008$, means there are difference between result of post-test at group of experiment and group of control.

Implication from this research is coffee ice cream can reduce blood uric acid levels to hyperuricemia patient. So, all hyperuricemia patient can apply coffee ice cream as therapy choice alternative of non farmakologis to reduce high blood uric acid levels.

Keyword: blood uric acid, Coffe Ice Cream, hyperuricemia