

Magister Program of Biomedical Sciences
Magister Program of Midwifery
Magister Program of Gender and Development Studies



Present:

THE 2nd INTERNATIONAL CONFERENCE ON

WOMEN AND SOCIETAL PERSPECTIVE
ON QUALITY OF LIFE

WOSQUAL 2020

NOVEMBER 26, 2020

ZOOM Virtual conference




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Women play pivotal roles across virtually all areas of life ranging from household, education, research, technology, health, economy, industry, security, and government. In fact, women have become indispensable for the sustenance and development of our state and nation. But is this enormous responsibility and burden exchanged equally with fair opportunity, respect, and welfare towards women? In reality, significant gaps and obstacles remain in the faces of women aiming to optimize their potentials. Unfortunately, these not only arise from society, but can also stem from within themselves.

The 2nd International Conference **on Women and Societal Perspective on Quality of Life (WOSQUAL) 2020** aimed to gather a multi-disciplinary group of professionals, including academicians, policymakers, researchers, clinicians, and practitioners to present and exchange ideas on the year's three main pressing issues regarding women in society: women in STEMM, specific health issues among women, and the role of women in the current pandemic.

We invited participants to comprehensively discuss the participation and role of women in Science, Technology, Engineering, Mathematics, and Medicine (STEMM). More specifically, in the fields of biomedical science, medicine, midwifery, and gender and development. We wish to open up insights and motivate young women working in this field to continue to expand their roles and attain a better quality of life for themselves and the nation. We also wish to invite all stakeholders to encourage more consideration and provide opportunities for women to develop their full potentials in these areas.

At this conference, we also discussed the specific health problems that can hinder a woman's productivity, including reproductive health and diseases that are related to women, which encompass infectious diseases, cancers, and metabolic syndrome. Additionally, we would like to address the mental burden that women undergo as a result of the cultural notions surrounding beauty and wellness. This has resulted in anxiety towards aging for many women and we therefore invite further discussions into how women have dealt with the issue.

Finally, the conference focused special attention towards the current global fight against the COVID-19 pandemic. In particular, how women have played enormous roles in improvement of the pandemic situation. We have learned of female leaders who have managed the pandemic remarkably in their countries, and are intrigued to discuss what strengths do they have, as leaders, that have led them to their success? Not only that, but we would also like to discuss the roles of everyday, working women, who have been forced to move work to their homes, resulting in the simultaneous burden and assimilation of domestic and office work. All of these are precious lessons that must be adequately addressed in order to provide advice for the authorities to improve policies to prepare for any similar situation that we may face in the future.

We would like to express our gratitude and high appreciation to keynote speakers, invited speakers, and presenters, both oral and poster, who have contributed, shared their knowledge and experiences at this conference. Hopefully, this conference will open our horizons and pay more attention to the importance of women's health both physically and mentally and their welfare. As we more consider to women's vital role in all aspects of life, as a mother, as a leader, as a role model, as an essential part of all aspects of life, and most important as herself, the special creatures.

Appreciatively yours,


Ika Yustisia
Chairperson of IC WOSQUAL 2020





The 2nd International Conference on Women and Societal Perspective on Quality of Life (WOSQUAL) 2020

Makassar, 26th of November 2020



SCOPE AND TOPIC

Women in STEMM :

- Women's careers in Biomedical Science and Medicine
- Science, education, and women
- Information, technology, and women

Women's Health and Wellness :

- Maternal, neonatal, and child health
- Adolescent and reproductive health
- Women and cancer
- Lifestyle-related diseases in women
- Communicable diseases related to women
- Non-communicable diseases related to women
- Women and mental health
- Women and occupational health
- Dietetics and nutrition
- Medicinal plants and natural products

Women's Leadership

- Women in leadership and decision-making roles
- Women and workplace: how to balance career and household responsibility
- Socio-cultural factors in women's leadership and careers



Keynote Speaker

Prof. Dr. Dwia Aries Tina Pulubuhu, M.A.
Rector of Hasanuddin University



Dr. HC. Ir. H. Suharso Monoarfa
Minister of National Development Planning/
Head of Bappenas



Invited Speakers

	Woro Srihastuti Sulistyningrum, ST, MDS Doctor for Family Development, Development of Woman, The Child, Youth, and Spousal, National Development Planning Agency	
	Dr. rer.physiol. dr. Septelia Inawati Wanandi Chairperson of Indonesian Consortium for Biomedical Sciences, Professor of Biochemistry and Molecular Biology, Universitas Indonesia	
	Prof. Dr. Patcharee Lertrit, MD Dean of the Faculty of Graduate Studies, Professor of Biochemistry, Mahidol University, Thailand	
	Dr. Georgia Atkin-Smith Scientist and special consultant, Women and Ethical Practice of Medical Research, La Trobe Institute for Molecular Science, Australia	
	Dr. dr. Rina Masadah, M. Phil, Sp.PA (K), DFM Current Director, Subtotal, Vice Dean of Research, Innovation, and International Partnership, Medical Faculty of Hasanuddin University, Indonesia	
	Prof. Dr. Shaiful Bahari Ismail Professor of Family Medicine, University of Selangor, Malaysia	
	Prof. Dr. dr. Suryani As'ad, MSc, Sp.GK Professor of Nutrition, Hasanuddin University	
	Prof. Dr. Andi Ima Kesuma, M.Pd Professor of Anthropology, Uale University of Makassar	
	Upiok Anderiani Miskad, PhD, Sp.PA Associate Professor, Department of Pathology, Hasanuddin University	
	Dr. dr. W. Andralia Kartolo, MSc, DLSHM, ABAARM, Acp President Director of FHM Wellness & Ambing Group, Indonesia	
	Rini Rachmawaty, S.Kep. Ns., MN., PhD Vice Dean for Academic, Research, and Innovation, Faculty of Nursing, Hasanuddin University	
	dr. Rusdina Bte Ladju, PhD Clinical Research and Biomedical Scientist, Hasanuddin University	
	dr. Bau Dilam Ardyansyah, MBSce., MHPE PhD Candidate at Universitas Pendidikan Indonesia (UPI) in Jakarta, Garuda University, Australia	
	Dr. dr. Irawaty Djaharuddin, Sp.P(K) Pharmacologist and Rheumatology Pulmonary Physician, Department of Pulmonology & Respiratory Medicine, Faculty of Medicine, Hasanuddin University	

Keynote lecture

Plenary lectures

Symposium

Oral presentation

Poster presentation

Best presenters

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Women and Societal Perspective on Quality of Life (WOSQUAL) 2020

07.30	Registration	IC WOSQUAL 2020 Committee
08.00	Opening Ceremony The 2nd IC WOSQUAL 2020	Master of Ceremony
08.10	The National Anthem of Indonesia	IC WOSQUAL 2020 Committee
08.20	Hasanuddin University Almamater song	IC WOSQUAL 2020 Committee
08.30	Opening Praying	Prof.Dr.Ir. Ahmad Munir, M.Eng.
08.40	Chairman Report	Dr.dr. Ika Yustita, M.Sc
08.50	Welcome Speech Dean of Graduate School Hasanuddin University	Prof.Dr.Ir. Jamaluddin Jompa, M.Sc
09.05	Welcome Reception and Opening by Rector of Hasanuddin University	Prof.Dr. Dwia Aries Tina Pulubuhu, MA
09.20	Keynote Speech by Ministry of National Development Planning	Dr.(H.C.) Ir. H. Suharso Monoarfa
09.35	Profile of Hasanuddin University	

Plenary Lecture Women in Science Moderator : Dr. Gita Vita Soraya, PhD

09.45	Dr.dr. Rina Masadah, M.Phil,Sp.PA(K),DFM "Women in Science"
10.05	Prof.Dr.rer.physiol.dr. Septelia Inawati Wanandi "Women and the Development of Biomedical Science in Indonesia"
10.25	Dr. Georgia Atkin Smith "Women in STEMM"
10.45	Discussion Session
11.00	Certificates for the speakers and photo session

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2020**

11.05

Poster Session 1

	Symposium 1 Moderator: dr. Muh. Aryadi Arsyad, MBM.Sc., PhD	Symposium 2 Moderator: dr. Yenni Yusuf, MInfectDis, PhD	Symposium 3 Moderator: Muhammad Arsyad, S.P., M.Si., PhD	Symposium 4 Moderator: dr. Gita Vita Soraya, PhD
11.20	Prof. Dr. dr. Suryani As'ad, MSc, Sp.GK: "Nutrition for Women"	Prof. Dr. Shaiful Bahari Ismail: High Quality of Men's Health Will Enhance Women's Quality of Life	Woro Srihastuti Sulistyaningrum, ST, MIDS: "Women's Leadership during the Pandemic"	Rini Rachmawaty, S.Kep., Ns., MN., PhD: "Experience and motivation in pursuing scholarships and education in nursing science"
11.40	Prof. Dr. Patcharee Lertrit, MD: "Women and Metabolic Syndrome".	dr. Upik Anderiani Miskad, PhD, Sp.PA (K): "Women and Cancer"	Prof. Dr. Andi Ima Kesuma, M.Pd.: "Measuring the Role of Bugis Women During the Coronavirus (COVID-19) Pandemic: Overview of Relevance in History and Socio-Culture"	dr. Rusdina Bte Ladju, PhD: "Experience and motivation in pursuing scholarships and education abroad in Biomedical Science"
12.00	Dr. dr. W. Andralia Kartolo, MSc, DLSHTM, ABAARM, Acp.: "Aging and Wellness for Women"	Dr. dr. Irawaty Djaharuddin, Sp.P(K): "Biological Sex Impact and COVID-19"		dr. Bau Dilam Ardyansyah, MBSc., MHPE: "Experience and motivation in pursuing scholarships and education in health professional education"
12.20	Discussion session	Discussion session	Discussion session	Discussion session
12.30	Certificates for the speakers and photo session	Certificates for the speakers and photo session	Certificates for the speakers and photo session	Certificates for the speakers and photo session

Poster Session 2 and Lunch Break

13.30	Free Paper Presentation 1
15.00	Certificates for the presenters and photo session
15.05	Poster Session 3 and Afternoon Break
15.20	Free Paper Presentation 2
17.00	Certificates for the presenters and photo session
17.10	Best Oral/Poster Presenters and Door Prizes Announcement
17.30	Closing



Free Paper Presentation

Oral Presentation

ROOM 1: Maternal, Neonatal, and Child Health

Moderator : dr. Muh. Aryadi Arsyad, MBM.Sc., Ph.D

Co-host : Astri Anita

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Moderator : dr. Yenni Yusuf, M.Infect.Dis., PhD

Co-host : Nurul Rezky

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Moderator : Dr. drg. Andi Sumidarti, M.Kes.

Co-host : Dian Ekayanti Astarti

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Moderator : Dr. Andi Nilawati Usman, SKM, M.Kes.

Co-host : Andi Aprilyani

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Moderator : Dr. Elizabeth C Jusuf, Sp.OG(K)

Co-host : Sandy Kartika Purnomo

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Moderator : Dr. Paulina Taba, M.Phil

Co-host : Nurliana

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Moderator : Dr. dr. Prihantono, Sp.B-Onk., M.Kes.

Co-host : Indira Pratiwi

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Co-host : Desya Faradila Ismi

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[ABS-190]

Effect of Simvastatin to Urine and Bladder Macroscopic Tissue in Protamin Sulfate-Induced Acute Interstitial Cystitis Rat Model

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Abstract

Objective: Bladder pain syndrome/ interstitial cystitis is a chronic bladder painful disorder that can alter the quality of life. It is more prevalent in women than in men, with an odds ratio of 13-14. The disease has complex pathogenesis and is associated with statin drug use without an unknown underlying mechanism. In this study, we aim to investigate the effect of simvastatin on urine and bladder macroscopic tissue after simvastatin treatment in the protamine sulfate-induced acute interstitial cystitis rat model. **Methods:** Twelve female Wistar rats aged 6-8 weeks old were included. They were divided into three groups (each n=4), namely placebo+protamin sulfate group (KP), simvastatin 10 mg/kg body weight + protamin sulfate group (S10P), and simvastatin 50 mg/kg body weight + protamin sulfate group (S50P). All animals were treated either with placebo CMC 0,5% or simvastatin by oral gavage for 30 days, followed by protamine sulfate (10 mg/ml) intravesical treatment. All animals were collected for the urine sample three days after intravesical treatment, then followed by sacrificed them to collect the bladder tissue. Collected urinary samples were measured for leucocyte and blood contain with urinary dipstick, while the bladder tissues were measured for their relative weight and macroscopic changes. **Result:** The grade of hematuria in both the simvastatin group was significantly higher than the control group ($p = 0.03$), during the grade of leukocyturia insignificant. Only relative bladder weight in the S50P group was significantly higher than in the control group ($p=0.032$). Bladder macroscopic edema and hemorrhagic in both the simvastatin group were not significantly different from the control group. **Conclusion:** We conclude that simvastatin may contribute to the chronicity of acute interstitial cystitis through modulating the tissue hypervascularisation and hypertrophy state.

Keywords : bladder pain syndrome, cystitis, hematuria, hypertrophy, protamin sulfate, statin

[ABS-191]

The Effect of Futsal on Serum Malondialdehyde (MDA) Levels in Young Adult Individuals Based on Circadian Rhythm

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Abstract

Objective: Sports can increase free radicals that cause oxidative stress in the body. One form of free radicals in the form of lipid oxidation is Malondialdehyde (MDA). This study aims to determine the effect of futsal on serum malondialdehyde (MDA) levels in young adult individuals based on circadian rhythm by providing morning futsal and evening futsal treatment. **Methods:** This study used a quasi-experimental method with a pretest-posttest control group design. The research subjects were 40 healthy individuals aged 18-24 years. Subjects were divided into four groups, namely the evening futsal group, evening control group, morning futsal group, and morning control group. Serum malondialdehyde levels were measured before and after futsal intervention for 2 x 20 minutes. **Results:** The results indicate that there are no significant changes of malondialdehyde serum level on evening futsal group ($p = 0.878$), the evening control group ($p = 0.398$), morning futsal group ($p = 0.678$) and the morning control group ($p = 0.859$). There is no significant difference in the changes of malondialdehyde serum level between the evening futsal group and morning futsal group ($p = 0.65$) and between the morning control group and the evening control group ($p = 0.82$). The value of significance is $p < 0.05$. **Conclusion:** The results showed that there was no effect of futsal on serum malondialdehyde (MDA) levels in young adult individuals based on circadian rhythm.

Keyword: malondialdehyde (MDA), circadian rhythm, morning futsal, evening futsal.

