Conflict of Interest Declaration

Here by the author(s) certify(s) that the manuscript entitled:

Pregnancy Rate after Intra Uterine Insemination with Presence or Absence of Leukocytospermia Prepared by Density Gradient Method

is an original work and is not under review at any other publication. Author and all coauthors have seen and agreed with the contents of the manuscript and there is no financial interest to report. This manuscript is ready for publication in the International Journal of Integrated Health Science.

Author (s) (please write your name with academic degree(s) and sign)

1st author

Name: Rini Widyastuti

Signature:

2nd author

Name: Julius T. Pangayoman

Signature:

3rd author

Name: Aida Riyanti

Signature:

4th author

Name: Alkaustariyah Lubis

Signature:

5th author

Name: Mas Rizky A.A Syamsunarno

Signature:

Title of manuscript: Pregnancy Rate after Intra Uterine Insemination with Presence or Absence of Leukocytospermia Prepared by Density Gradient Method

Enter the names of everyone who contributed to your manuscript by entering all required information

Author(s)

1st author

First name: Rini

Last name: Widyastuti

Academic degree(s):M.Sc

Affiliation: Laboratory of Animal Reproduction and Artificial Insemination, Departement of

Animal Production, Animal Husbandry Faculty

Address: Jl. Raya Bandung Sumedang Km.21 Jatinangor Sumedang, West Java 45363,

Indonesia

Phone:+6281931850680

Email: r.widyastuti@unpad.ac.id

2nd author

First name: Julius

Last name: Pangayoman

Academic degree(s): dr, SpOG

Affiliation: Melinda Hospital

Address: Jl Pajajaran 46 Bandung

Phone: +628982282341

Email: julius.pangayoman@gmail.com

3nd author

First name: Aida

Last name: Riyanti

Academic degree(s): dr, SpOG

Affiliation: Faculty of Medicine of Universitas Indonesia, Indonesia Reproductive Medicine Research and Training Center-Indonesia Medical Research and Education

Institute

Address: Jl Salemba Raya No 6, Jakarta Pusat

Phone: +628119444820

Email: aidatx2004@hotmail.com

4nd author

First name: Alkaustariyah

Last name: Lubis

Academic degree(s): undergraduate Faculty of Medicine, Universitas Padjadjaran

Affiliation: Faculty of Medicine, Universitas Padjadjaran

Address: Jl. Raya Bandung Sumedang Km.21 Jatinangor Sumedang, West Java 45363, Indonesia,

Phone: +6282283825617

Email: alka.infinite7@gmail.com

5nd author

First name: Mas Rizky Anggun Adipurna

Last name: Syamsunarno

Academic degree(s): dr, M.Kes., PhD

Affiliation: Departement of Biomedicine Sciences, Faculty of Medicine, Universitas

Padjadjaran

Address: Jl. Raya Bandung Sumedang Km.21 Jatinangor Sumedang, West Java 45363,

Indonesia,

Phone: +6281321644359

Email: rizky@unpad.ac.id

Cover letter

May 19th, 2018

To.

Editor in Chief

International Journal of Integrated Health and Science

Dear Sir,

Please find the submission of our manuscript,

Pregnancy Rate after Intra Uterine Insemination with Presence or Absence of Leukocytospermia
Prepared by Density Gradient Method

which we would like to submit for publication in the International Journal of Integrated Health Science. Herewith, we also attached set of manuscript. In this manuscript, we describe the correlation patient with and without leukocytospermia with sperm recovery rate after prepared by density gradient method and pregnancy rate after Intra Uterine Insemination. The density gradient is ones of sperm preparation techniques that play an important role to remove the leucocytes, seminal plasma, debris and increases the concentration of motile sperm before introduce in to uterine cavity in IUI cycle. This method more effective because easy to perform and has fewer critical points sensitive to error during preparation. The relationship between leukocytospermia, semen quality and the pregnancy rate after intrauteri insemination using specific method of sperm preparation is inconsistent. The study presented here was designed to evaluate the effect of leucoscytospermia on the sperm recovery rate after sperm preparation using density gradient method and pregnancy rate outcomes after IUI.

Author and all co-authors have seen and agreed with the contents of the manuscript and there is no financial interest to report. We certify that the manuscript submitted is an original work and is not under review at any other publication. We thank you for considering our manuscript for publication in the International Journal of Integrated Health Science and look forward to hearing from you at your earliest convenience.

Sincerely yours,

Rini Widyastuti