Re: [vmic-1] Submission Acknowledgement

From: Veterinary Medicine International Conference Universitas Airlangga (vmic@fkh.unair.ac.id)

To: rma_fispro@yahoo.com

Date: Wednesday, June 27, 2017 at 08:48 PM GMT+7

Dear VMIC participants

Hereby I would like to inform you about the preparations for The 1st Veterinary Medicine International Conference 2017.

For those who are doing Oral Presentation:

The plenary session for oral presentation will be held at Tandjung Adiwinata Room 2nd floor of Veterinary Medicine Faculty Universitas Airlangga. Please prepare a power point presentation for 10 minutes presentation, please be advised that the organizing committee will be strict to the timetable and thus who unable to finish their presentation is not the committee responsibilities.

We recommend the presenter to not make presentation more than 10 slides. Please send your presentation to the vmic@fkh.unair.ac.id before July 3, 2017 with the subject and document's name following this specific format: presentation First author name. The schedule for oral presentation will be informed very soon.

For those who are doing Poster Presentation:

The poster session will be held in front of Tandjung Adiwinata Room 2nd floor of Veterinary Medicine Faculty Universitas Airlangga. Please prepare the poster in A0 paper (1200 mm X 850 mm) and please bring the poster during registration time. Presenter should put their own poster in the space that the organizing committee provided.

I enclosed the conference schedule for your information. In case you have any question regarding the conference please do not hesitate to ask the organizing committee. Thank you very much and welcome to 1st VMIC 2017.

Best regards

2017-02-28 10:49 GMT+07:00 Veterinary Medicine International Conference Universitas Airlangga vmic@fkh.unair.ac.id:

Dear author, after reviewing your paper we found out that your paper contain 30% of plagiarism. Please revise your paper according to plagiarism test result. Thanks.

2017-02-26 5:20 GMT+07:00 VMIC <vmic@fkh.unair.ac.id>:

Assalamualaikum Erma Safitri:

Thank you for your submission, "Case Study Dystocia on Beef Cattle in KunirRegency of Lumajang District, East Java"

to THE 1st VETERINARY MEDICINE INTERNATIONAL CONFERENCE. With the online conference management system that we are using, you will be able to track its progress through the editorial process by logging in to the conference web site:

Submission URL:

http://conference.unair.ac.id/ index.php/vmic1/vmic-1/author/ submission/1212

Username: 1erma_safitri2

If you have any questions, please contact me. Please following us at our website and our social media platform to keep update for this up coming event. Thank you for considering this conference as a venue for your work.

VMIC

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Scientific Schedule.xlsx 13.7kB

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PROGRAM SCHEDULE

THE FIRST VETERINARY MEDICINE INTERNATIONAL CONFERENCE 2017

in Collaboration with ADPRC-OHCC

"New Wave Bio-X Veterinary Medicine"

"Strengthen on One Health, Biomedical, Reproduction, Nutrition and Clinical Science"

FACULTY OF VETERINARY MEDICINE UNIVERSITAS AIRLANGGA SURABAYA - INDONESIA

Day 1: Wednesday, 12 July 2017

12.00 – 13.00 am	Registration and coffee break			
13.00 – 13.20 am	Opening Remarks:			
	1. Chairman of The VMIC			
	2. Dean of Faculty of Veterinary Medicine Universitas Airlangga			
	3. Coordinator of INDOHUN University of Indonesia			
	4. Rector of Universitas Airlangga			
13.20 – 13.30	Opening Ceremony			
13.30 – 15.30	KEYNOTE LECTURE-1 at Tandjung Adiwinata 2nd floor			
	Chairman: Prof. Bambang Sektiari, DVM			
	Co-chairman: Dr. Hani Plumeriastuti, DVM. M.Sc.			
45'	Prof. Graeme B Martin, BSc (Agric) PhD (University of Western Australia)			
	Science communication			
30'	Prof. Saul Tzipori, DVM, PhD. (Tufts University, USA)			
	Evolutionary and Environmental Factors Contributing to Emergence of New Diseases			
30'	Dr. Khaled Hussein, DVM, Ph.D, MRCVS (ECO Animal Health Ltd, UK)			
	Food chain and food safety			
15'	Discussion			
15.30 - 17.45	KEYNOTE LECTURE-2 at Tandjung Adiwinata 2nd floor			
13.30 17.13	Chairman : Dr. Soelih Estoepangestie, DVM			
	Co-Chairman: Dr. Wiwik Misaco,			
30'	Prof. Datin Paduka Dr. Aini Ideris (Vice Chancellor-University Putra Malaysia)			
	Vaccine development to prevent infectious disease			
30'	Prof. Dr. Koichi Sato, DVM, PhD (University of Yamaguchi, Japan)			
	Cell physiological research of intestinal stem cell			
30'	Assoc. Prof. Takeshi Haga, DVM, PhD. (University of Tokyo, Japan)			
	Diversity and Pathogenicity of Papillomaviruses			
30'	Valérie Cai (SEPPIC, France)			
	Comparison of adjuvant technologies for poultry vaccines			
15'	Discussion			
17.45 - 21.00	Closing Remark and Gala Dinner			

Day 2: Thursday , 13 July 2017

07.30 - 08.30	Registration			
08.30 - 10.15	KEYNOTE LECTURE-3 at Tandjung Adiwinata 2nd floor			
	Chairman: Prof. Mas'ud Hariadi			
	Co-chairman: Dr. Tita Damayanti, M.Sc., DVM			
30'	Assoc. Prof. Dr. Naoki Miura, DVM, Ph.D (Univeristy of Kagoshima, Japan)			
	The application of small non-coding RNA in the veterinary field.			
30'	Assoc. Prof. Tamaki Okabayashi, Ph.D. (University of Miyazaki, Japan)			
	Enhancement of the livestock productivity and reinforcement of countermeasure for prevention of animal infectious diseases in Southeast Asia by a cooperation with research bases with a hub function			
30'	Prof Hong-Kean Ooi (Azaba Univeristy, Japan)			
	Abortion in ruminants and neosporosis			
15'	Discussion			
10.15 - 10.30	Coffe Break			
10.30 -12.15	KEYNOTE LECTURE-4 at Tandjung Adiwinata 2nd floor			
	Chairman: Dr. Budi Utomo, MD., M.Kes			
	Co-chairman : Dikky Eka Mandala, DVM, MSc			
30'	Prof. Dr. Kuntaman, MD., SpMK (K) (University of Airlangga)			
	Strategy to combat Antimicrobial Resistance in human			
30'	Dr. A. T. Soelih Estoepangestie, DVM. (University of Airlangga)			
	AMR Foodborne bacteria of wet market in Surabaya			
30'	Dr. Mustofa Helmi Effendi, DVM. DTAPH. (University of Airlangga)			
	Methicillin Resistant Staphylococcus aureus in Surabaya			
15'	Discussion			
12.15 - 13.00	LUNCH			
13.00. 14.45	KEYNOTE LECTURE-5 at Tandjung Adiwinata 2nd floor			
	Chairman : Dr. Atik Choirul Hidajah, M.Kes			
	Co-chairman: Havan Yusuf, DVM, MSc.			
30'	Prof. Agus Suwandono , MD., MPH. (University of Diponegoro)			
	The One Health Systems Mapping and Analysis Resource Toolkit (OH-SMART)			
30'	Dr. Ni Nyoman Sri Budayanti, MD., Sp.MK (Univeristy of Udayana)			
	The rule of travel Medicine caused by infectious disease			
30'	Prof. Dr. Fedik A. Rantam, DVM. (University of Airlangga)			
	Hybrid of IgG against all serotype to dengue virus using mesenchymal stem cell			
15'	Discussion			
14.45-15.00	Coffe Break			
15.00 - 16.30	PLENARY SESSION			
16.30	Closing Ceremony			

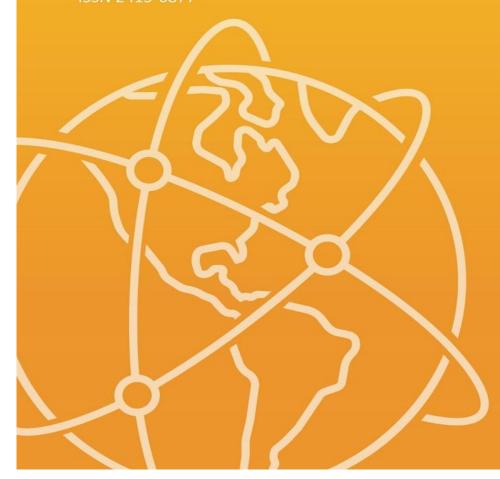




The Veterinary Medicine International Conference (VMIC)

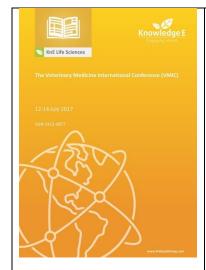
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The Veterinary Medicine International Conference (VMIC)



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KnE Life Sciences / The Veterinary Medicine International Conference (VMIC) VMIC—The Veterinary Medicine International Conference—is one of the world's leading conference focusing on a wide array of topics including Veterinary Medicine and Biomedical Science. It offers a stimulating venue for scientists, researchers, lecturers, general practitioners, and others to broaden their social scientific network. This conference aimed at improving human and public health by improving agricultural and food systems, advancing biomedical and comparative medical research, preventing and addressing zoonotic diseases, kit diagnostic, enhancing environmental and ecosystem health, and helping manage the 21st-century public health challenges.

Conference date: 12–14 July 2017 Location: Surabaya, East Java, Indonesia

Editors: Sri Agus Sudjarwo, Fedik A. Rantam, rer. nat. Gunawan Indrayanto, Muchammad Yunus, Rimayant, Wiwik Misaco, Tita Damayanti Lestari, Mustofa

Helmi Effendi, Dikky Eka Mandala Putranto, and Shafia Khairani

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Conference Paper

CASE STUDY: DYSTOCIA ON BEEF CATTLE IN KUNIR REGENCY OF LUMAJANG DISTRICT, EAST JAVA, INDONESIA IN 2015 AND 2016

Rosiana Febrianila¹, Widya P Lokapirnasari², Tjuk I Restiadi³, Imam Mustofa³, Herry A Hermadi³, and Erma Safitri³

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- ²Animal Husbandry Department of Veterinary Medicine Faculty, Surabaya, 60115, Indonesia
- ³Veterinary Reproduction Department of Veterinary Medicine Faculty

Abstract

Dystocia defined as difficulty of birth. Cattle that experienced dystocia characterized by extended processing time of birth, difficult, and impossible to do without help of human stem. This study aimed to determine the number and causative factor of dystocia in beef cattle in Kunir sub district, Lumajang district. Data acquisition used primary data and secondary data. Primary data was obtained from direct observations about management of maintenance, then interviewed the farmers in Kunir sub district. Secondary data was data obtained from the recording belongs to animal health technical officer. The results showed that the prevalence of dystocia in Kunir district, Lumajang district as many as 63 cases or 11,6 % of 543 births. The result of the research is analyzed using chi square (χ 2) method on SPSS 20.0 program and risk factors that increase the incident of dystocia were IB semen which greater than the cattle site, the position of the fetus and inertia uteri can result in weakness of the catrle at the age of older and more likely to give birth.

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Selection and Peer-review under the responsibility of the VMIC Conference Committee.

1. Introduction

Keywords: Dystocia; beef catlle.

Reproductive disorders in cattle can be caused by various factors, including non-infectious agents [1] and infectious agents [2-4]. Specifically, for reproductive disorders caused by infectious agents or infectious diseases, according to [5] explains that infectious reproductive diseases can cause an abortion, pyometra, endometritis, embryonic death, placental retention, central nervous breakdown of the fetus, sterility in Bull. Due to reproductive disorders in livestock will cause economical impact for

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farmers and decrease the rate of livestock population in the country. Common reproductive disorders of cattle include secundinary retensio [7], dystocia (birth difficulties) [8], abortion ([miscarriage,9], and premature / premature birth [10-11]. Dystocia is a difficulty birth process caused by parent or fetus factor. The cause of difficulty in cattle birth involves three main factors: a deficit power from the mother to excrete fetuses [12], presence of birth defects in the parent [13], and abnormalities in the fetus [14]. The incidence of dystocia generally occurs in cattle that give birth first (premipara) rather than cattle that have several times of birth (pluripara) [15]. This study was conducted to determine the case of dystocia and factors that cause it in Kunir District Lumajang Regency Year 2015 and 2016.

2. Materials and Methodes

2.1. Methods

This research was conducted in Animal Health Technical Officer of Kunir Sub-district, Lumajang Regency. The material used in this research is the data of cattle which experienced dystocia from all cases of reproductive disorder in 2015 and 2016. The method used in this research is descriptive method with primary data and secondary data. Primary data was obtained from direct observation of maintenance management, then interviewed by farmer.

2.2. Analisis Data

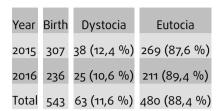
The collected data is present in tabular form and the result describe with descriptive form. Furthermore, to analyze the factors that cause the case of dystocia using statistical analysis Chi Square.

3. Results

The number of dystocia cases in beef cattle that occurred during two years 2015 and 2016 in Kunir sub district, Lumajang District can be seen in Table 1 and Figure 1.

Based on Table 1. The case of dystocia in beef cattle in 2015 shows that 38 cases or 12.4% and 25 cases or 10.6% cases of dystocia in 2016. The number of births from the two years shows 543 with 63 cases or 11.6% dystocia. Beside that, Eutocia in 2015 shows 269 cattles and then in 2016, 211 cattles with eutocia.

TABLE 1: Number of dystocia cases in beef cattle in Kunir sub district, Lumajang District.



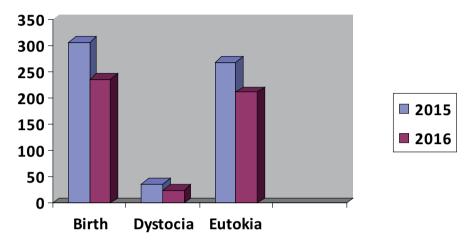


Figure 1: Total dystocia cases in beef cattle at Kunir Regency, Lumajang Distric - East Java, Indonesia.

4. Discussion

Dystocia are caused by both of the parent factor [12-13] and the fetal factor [14]. The parent factor can be caused by various circumstances, such as: breed, birth period, feed amount, excercise, reproductive disorder or trauma during pregnancy [16]. Fetal factors affecting the case of dystocia include fetal size, sex, fetal condition, and fetus location [14].

Analysis statistic with Chi Square about cattle breed can cause dystocia in beef cattle in Kunir regency, Lumajang distric is 0.468 > 0.05, it can be concluded that Ho is accepted, and there is no significant relation. It suspect that dystocia can cause only from artificial insemination from semen Limousin to PO (Ongole Breed).

The effect of cattle age to dystocia in Kunir district of Lumajang Regency using chisquare statistical analysis is 0.955> 0.05. it can be concluded that Ho is accepted, which means no significant relationship. The parent's age is related to mature sex of the parent. If the parent is still young cattle is likely for the occurrence of higher dystocia because he is still too young. This is because the young female cattle have small size pelvis cavity so that if forced to pregnant during childbirth will cause fracture [17]. Beside that, data about the effect of birth period on dystocia in Kunir sub district of Lumajang Regency using chi-square statistical analysis is 0.898> 0.05. it can be

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concluded that Ho is accepted, which means no significant relationship. According to [18] states that as many as 30% to 60% of dystocia occur at first birth, 8% to 25% at second birth, and 2% to 8% at three brith or more. Dystocia is more common in cattle that first birth (premipara) than cattle that have several times childbirth (pluripara). This is due to a strain of birth canal that has never been passed by the fetus [15].

Excercise is one of the factor to dystocia cases, data in Kunir sub district of Lumajang Regency using chi-square statistical analysis is 0,470> 0,05, it can be concluded that Ho is accepted and there is no significant relation. The excercise factor that affects dystocia is inertia uteri on the parent because lacks contraction during childbirth.

Data about the effect of feed to dystocia case in Kunir sub district of Lumajang Regency using chi-square statistical analysis is 0.670> 0.05, it can be concluded that Ho is accepted and also there is no significant relation. Excessive feeding during pregnancy can also cause dystocia, this is due to excessive accumulation of fat in the pelvic area. Giving less feed during pregnancy can also cause dystocia, because lacks energy for contraction [19].

Data about the influence of sex to dystocia case in Kunir sub-district of Lumajang Regency using chi-square statistical analysis is 0,716> 0,05, it can be concluded that Ho is accepted and also there is no significant relation. According to [20] the male fetus has a higher birth weight of 2.3 kg to 3.2 kg than the female fetus. The male fetus also experiences a longer birth period of about one to two days compared with the female fetus. According to [21] cited by [22] in beef cattle, the rate of growth and production efficiency is higher in males than females.

The last factor is fetal size, data of the effect fetal size on dystocia case in Kunir sub-district of Lumajang Regency using chi-square statistical analysis is 0,604> 0,05. It can be concluded that Ho is accepted, and there is no significant correlation.

5. Conclusion

The number of dystocia cases on beef cattle in Kunir sub-district, Lumajang District is 63 cases or 11.6% of 543 births. All factors that mentioned above are not significantly different, so other influential factors are semen of bull from larger breed, fetal position and inertia uteri can cause dystocia.



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