

Pregnancy Risk Occurrences in the CNMI

EN101-ON01 Research Portfolio
Krizel V. Manuzon
Dr. Kimberly Bunt-Anderson
Northern Marianas College



Table of Contents

Abstract

Schedule

Brainstorm Process

Survey Questions and Responses

Reading Notes

Final Research Report



Abstract

This study explores the community's awareness on pregnancy risk occurrences in the CNMI. In the recent years, rises in pregnancy from both teenage residents and foreigners have emerged and more often than not, people are not alert about potential dangers or situations a mother may face. The articles used in this research contain information obtained from online sources and responses from a distributed survey. Moreover, the responses received included comments on experiences an individual, or someone they know, may have encountered when in regards to delivering in the CNMI. This report also includes the Commonwealth Healthcare Corporation's ability to perform its duties to its fullest and the obstacles it is facing with its day to day operation.



Schedule

Jan. 22 - 28

Decide on Research Topic

Either instructor's choice or topic of your own based on the CNMI.

Feb. 12 - 18

Persuasive Research Proposal and PowerPoint

After completing the brainstorm and outline for the research topic, submit Essay 1 and proposal PowerPoint.

Feb 19 - 25

Pilot Survey Submission & Essay 2

Create and submit Pilot Survey on chosen topic. Also submit the brainstorm for Essay 2.

Feb. 26 - Mar. 4

Final Survey Link Submission

Submit final survey link on Google Docs and provide feedback on colleagues surveys.

Mar. 12 - 18

Submit 1st Reading Notes

Do and submit the 1st reading notes assignment.

Mar. 19 - 25

Process Essay Brainstorm & Letter to Experts

Start on process essay (Essay 3) and submit the Letter to 3 or more Experts.



Schedule

April 2 - 8

Reading Notes 2

Submit reading notes assignment 2.

April 9 - 15

Essay 4 Brainstorm & Outline

Complete and submit Essay 4 outline for finalization.

April 16 - 22

Essay 4 Submission

Essay 4 may either be a comparative contrast literature review or an expository essay. Must submit on turnitin.com and moodle.

April 23 - 29

Begin Final Report Portfolio

Time to compile all findings from the research topic.

April 30 - May 6

Research Portfolio and Weebly Website

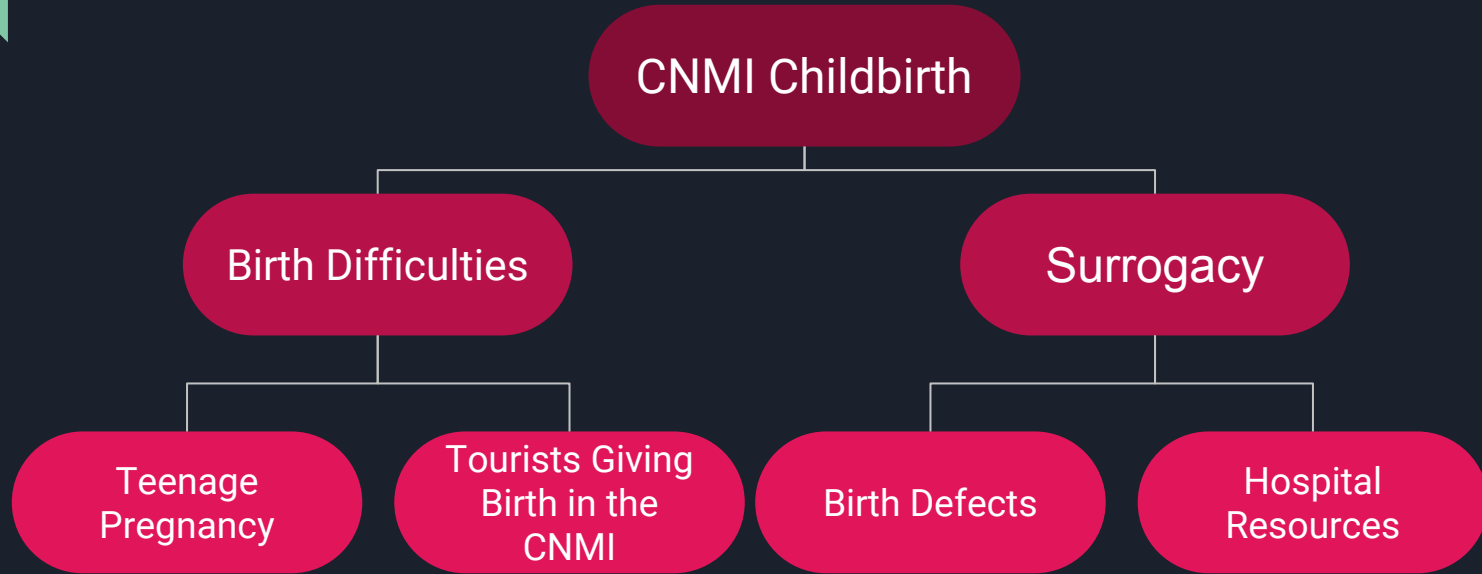
Compile all required documents and start editing Weebly webpage.

May 7 - 13

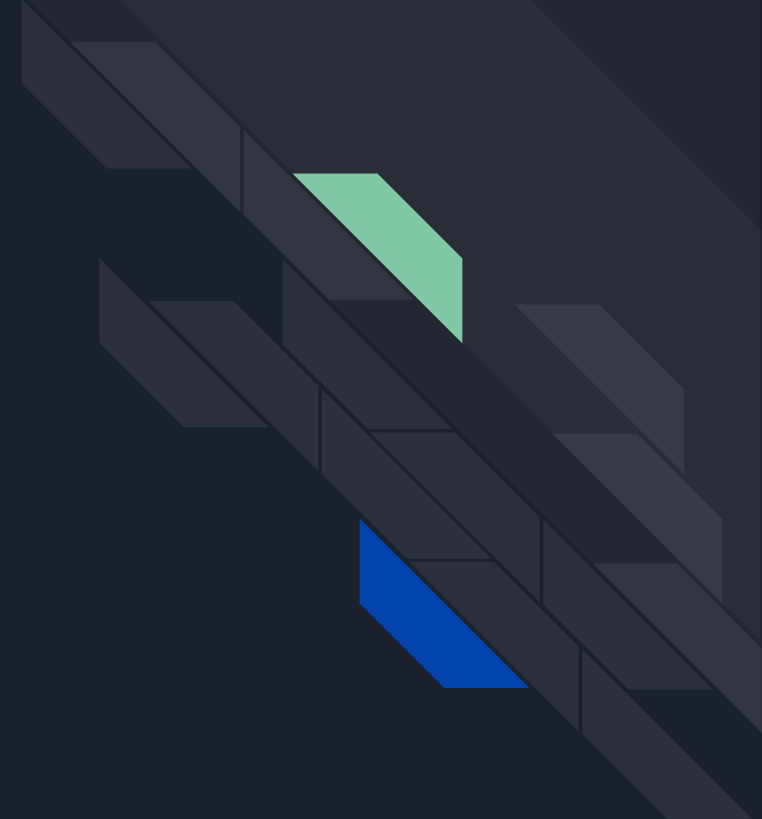
Final Exam & Research Report

Final exam week. Must complete research portfolio and grade peers overall work.

Brainstorm Process



Survey Questions & Responses



From your observance, has the Commonwealth Healthcare Corporation (CHCC) gained more professionals in different fields or is it lacking adequate staff?

Answered: 18 Skipped: 0

RESPONSES (18)

TEXT ANALYSIS

TAGS

Add Tags ▼

Filter by Tag ▼

Search responses



Showing **18** responses

They're picking up as compared to before

4/16/2018 7:28 AM

[View respondent's answers](#)

They have gained more professionals over the years but due to rapid population growth in the CNMI I would say they're still lacking adequate staff.

4/15/2018 8:19 PM

[View respondent's answers](#)

Is very much lacking.

4/15/2018 6:13 PM

[View respondent's answers](#)

I believe CHCC is lacking updated equipments and knowledge staff. Otherwise, people wouldn't have to flight off island for simple treatments.

4/15/2018 5:32 PM

[View respondent's answers](#)

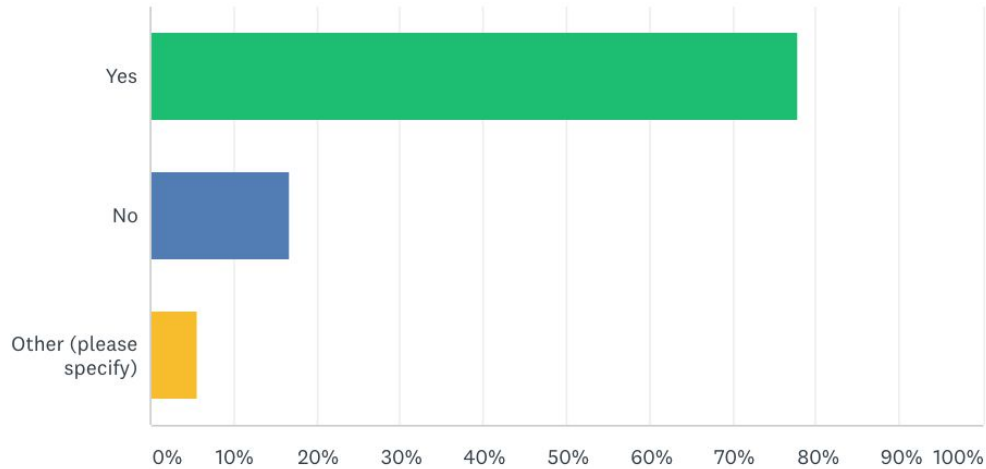
Yes and ofcourse their lacking adequate staff.

4/15/2018 1:53 PM

[View respondent's answers](#)

Do you think that women who board flights close to their due date risk their health than those who do not?

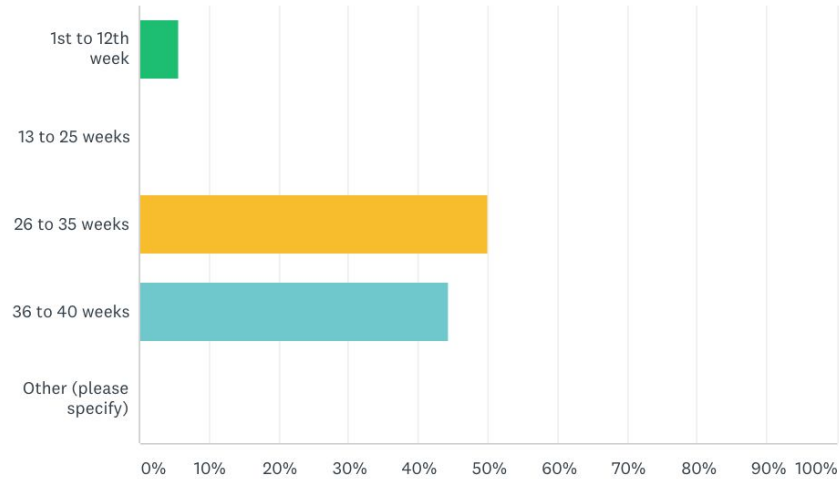
Answered: 18 Skipped: 0



ANSWER CHOICES	RESPONSES
▼ Yes	77.78% 14
▼ No	16.67% 3
▼ Other (please specify)	Responses 5.56% 1
TOTAL	18

In what weeks is a woman often suggested not to ride on a plane?

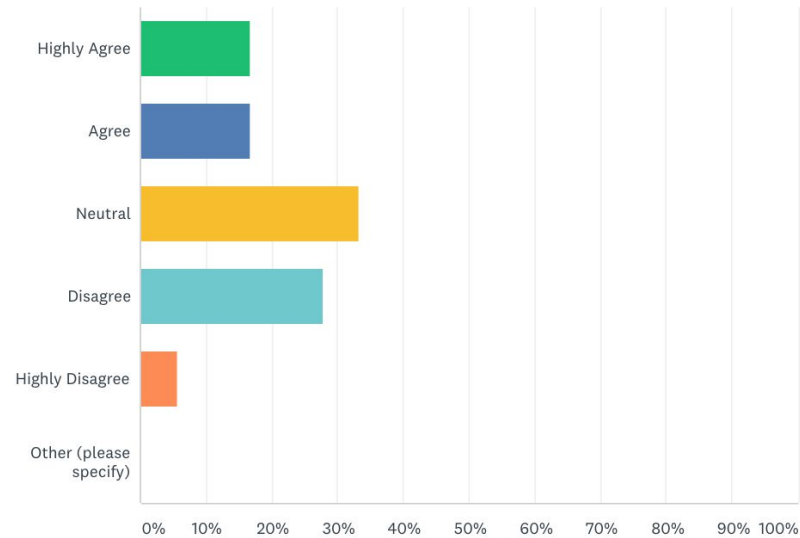
Answered: 18 Skipped: 0



ANSWER CHOICES	RESPONSES
▼ 1st to 12th week	5.56% 1
▼ 13 to 25 weeks	0.00% 0
▼ 26 to 35 weeks	50.00% 9
▼ 36 to 40 weeks	44.44% 8
▼ Other (please specify)	Responses 0.00% 0
TOTAL	18

In your opinion, do you think that teenage pregnancy puts the young mother's health at high risk?

Answered: 18 Skipped: 0



ANSWER CHOICES	RESPONSES
Highly Agree	16.67% 3
Agree	16.67% 3
Neutral	33.33% 6
Disagree	27.78% 5
Highly Disagree	5.56% 1
Other (please specify)	Responses 0.00% 0

Please use this section to add any additional comments in regards to population growth and pregnancy risks in the CNMI.

Answered: 10 Skipped: 8

RESPONSES (10)

TEXT ANALYSIS

TAGS

Add Tags ▼

Filter by Tag ▼

Search responses



Showing **10** responses

I think the growing concern isn't our population and pregnancy risks but chinese labor and their pregnancy risks

4/16/2018 7:28 AM

[View respondent's answers](#)

None further.

4/15/2018 6:13 PM

[View respondent's answers](#)

N/A

4/15/2018 5:32 PM

[View respondent's answers](#)

Pregnancy risks and population growth in the CNMI are not so bad as other countries, but that doesn't mean we should ignore it until it becomes worse. Our selected leaders and the community should be educated about these topics and there should be some preventive methods/options available to be taken.

4/15/2018 11:45 AM

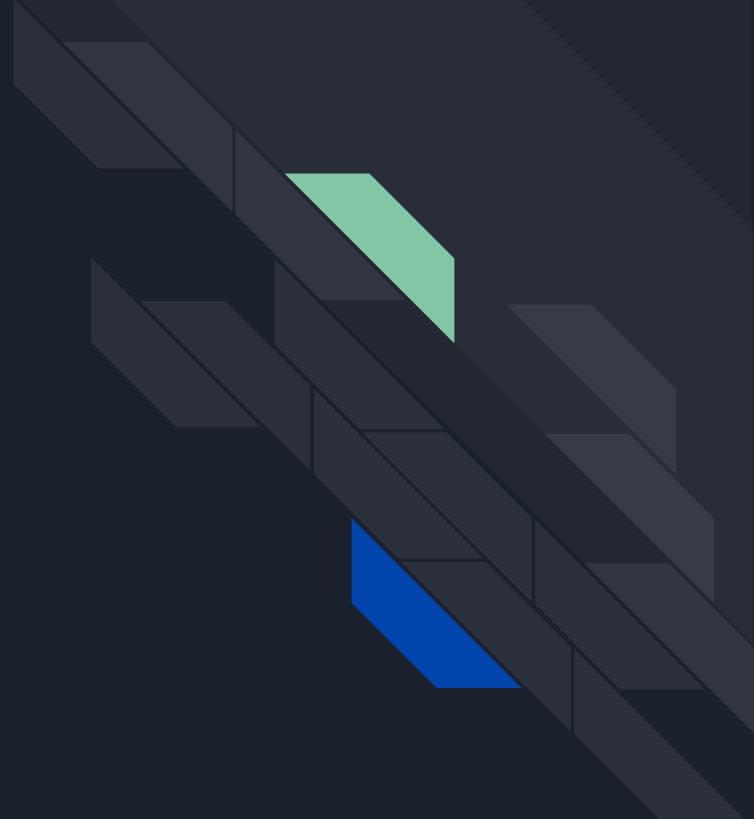
[View respondent's answers](#)

Better doctors, and equipment

4/15/2018 11:12 AM

[View respondent's answers](#)

Reading Notes



Krizel V. Manuzon

Reading Notes to fill out when reading course and outside reading materials for assignment

Note Taking Sheet: Reading # 1

Course ENCOURSE NAME ___EN101___

Section __ON01__

With many sources to read and evaluate, you need a way to keep track of the material you may use in your research paper. You need to record where you have looked, what you have found, and how to find each piece of information again (this is for your bibliography).

Directions: Fill in the information below, and keep with all of your resources. This will help you when it is time to write your outline, paper, and annotated bibliography.

1. Author's Name: Lizette Borrelli
2. Author's Credentials (Press Release)
3. Publisher [or title of organization]: Medical Daily
4. Heading of Section [title of reading]: *Pregnancy and Flying: Risks of Air Travel for Pregnant Women*
5. Year Written: July 9, 2013
6. Pages: 1
7. Website URL: <http://www.medicaldaily.com/pregnancy-and-flying-risks-air-travel-pregnant-women-247514>

Main Ideas/Points	Important Quotations	Supporting Details	Relevance to Your Assignment
<ul style="list-style-type: none"> Risks for women who fly when they are 	<ul style="list-style-type: none"> "The restriction of long international 	<ul style="list-style-type: none"> There's no guarantee that a medical professional 	<ul style="list-style-type: none"> Health risks for pregnant women

close to term.	flights for women who are after 32 weeks is largely in part due to access to medical care based on the country being visited.	would be on board should complications arise for the pregnant woman.	who fly during their pregnancy to give birth in the CNMI.
Main Ideas/Points	Important Quotations	Supporting Details	Relevance to Your Assignment
<ul style="list-style-type: none"> Stress from travelling to receive U.S. birthplace hazardous. 	<ul style="list-style-type: none"> "Travel can stress a pregnant woman and late on the pregnancy can put her at risk for delivering in a "foreign" environment." 	<ul style="list-style-type: none"> Delivering in a foreign environment would be difficult because there are different rates in different countries. 	<ul style="list-style-type: none"> In the CNMI, it is easy for a pregnant woman to enter and have access to the hospital. Although, the risk of flying while pregnant is very concerning for both the mother and child.

In this article, is it possible that any of the authors might have a bias about the subject matter? No (provide examples if needed)

Is the article timely or a bit outdated? A bit outdated. It was posted on July of 2013.

Was it published in a reputable source? Yes.

It is an academic source.

Other important information: Referred readings and sources on the topic.

Reading Notes to fill out when reading course and outside reading materials for assignment

Note Taking Sheet: Reading # 2

Course ENCOURSE NAME EN101

Section ON01

With many sources to read and evaluate, you need a way to keep track of the material you may use in your research paper. You need to record where you have looked, what you have found, and how to find each piece of information again (this is for your bibliography).

Directions: Fill in the information below, and keep with all of your resources. This will help you when it is time to write your outline, paper, and annotated bibliography.

1. Author's Name: Emmanuel T. ~~Frediano~~
2. Author's Credentials (Press Release)
3. Publisher [or title of organization]: Pacific Islands Report
4. Heading of Section [title of reading]: *CNMI Healthcare Corporation Continues to Have Serious Financial Challenges*
5. Year Written: March 21, 2017
6. Pages: 1
7. Website URL: <http://www.pireport.org/articles/2017/03/21/cnmi-healthcare-corporation-continues-have-serious-financial-challenges>

Main Ideas/Points	Important Quotations	Supporting Details	Relevance to Your Assignment
<ul style="list-style-type: none">The hospital lacks revenue despite the increase of birth in the CNMI.	<ul style="list-style-type: none">...revenue shortfalls significantly impact its ability to pay for critical services and supplies; and because it is without data necessary to	<ul style="list-style-type: none">Lack of revenue could cause a shortfall on supplies which may be a medical complication for some due	<ul style="list-style-type: none">The lack of revenue may initiate more medical referrals to Guam becoming a

	analyze overall financial health, the island's only hospital risks future losses which could jeopardize healthcare quality for residents and tourists."	to the lack of resources.	higher expense and risk for the hospital and the patient.
Main Ideas/Points	Important Quotations	Supporting Details	Relevance to Your Assignment
<ul style="list-style-type: none"> Lack of expertise and experience is unprofessional and may cause medical complications for pregnant women. 	<ul style="list-style-type: none"> "CHCC had neither the technical expertise, nor the experience to manage a multi-million-dollar corporation, as evidenced by its initial months of delayed or postponed payroll, utilities, and tax payments, as well as a questionable contract with a statewide billing and collection firm." 	<ul style="list-style-type: none"> The CNMI's only hospital is unable to provide the best quality of care and run the corporation without debt or dependency on others. 	<ul style="list-style-type: none"> If the island's only hospital lacks expertise and experience, it would be a risk for women to give birth on the islands should any other medical complication arise.

In this article, is it possible that any of the authors might have a bias about the subject matter?

- > No, the article provides statistical data from the Office of the Public Auditor's "Report on the Audit of the Commonwealth Healthcare Corporation's Patient Revenue Cycle".

Is the article timely or a bit outdated? Timely. It was posted on March 21st, 2017. ~~Almost a year before.~~

Was it published in a reputable source? Yes.

It is not an academic source.

Other important information: Referred readings and sources on the topic.

Reading Notes to fill out when reading course and outside reading materials for assignment

Note Taking Sheet: Reading # 3

Course ENCOURSE NAME ____EN101____

Section __ON01__

With many sources to read and evaluate, you need a way to keep track of the material you may use in your research paper. You need to record where you have looked, what you have found, and how to find each piece of information again (this is for your bibliography).

Directions: Fill in the information below, and keep with all of your resources. This will help you when it is time to write your outline, paper, and annotated bibliography.

1. Author's Name: Jon Perez
2. Author's Credentials (Press Release)
3. Publisher [or title of organization]: Saipan Tribune
4. Heading of Section [title of reading]: *Programs Set to Curb NMI Teen Pregnancy*
5. Year Written: May 30, 2016
6. Pages: 1
7. Website URL:
<https://www.saipantribune.com/index.php/programs-set-curb-nmi-teen-pregnancy/>

Main Ideas/Points	Important Quotations	Supporting Details	Relevance to Your Assignment
<ul style="list-style-type: none"> • There has been a rise in teenage pregnancy which is difficult and strenuous for 	<ul style="list-style-type: none"> • Statistic said based on what CDC had gathered that 24.2 percent of every 1,000 live births in 	<ul style="list-style-type: none"> • There has been more unplanned teen pregnancy in the CNMI than the average percent for the national level. 	<ul style="list-style-type: none"> • A high rise in teen pregnancy is dangerous for both the teen and the baby because the

the teen.	2014 are from mothers 15 to 19 years old. The CNMI has 41.3 percent”	National level is at 51 percent while the CNMI is at 66.	mother’s body may not be fully capable of handling birth.
-----------	--	--	---

In this article, is it possible that any of the authors might have a bias about the subject matter?

- No, the article provides statistical data from the Centers for Disease Control and Prevention.

Is the article timely or a bit outdated? A bit outdated. It was posted on May 30, 2016.

Was it published in a reputable source? Yes.

It is an academic source.

Other important information: Referred readings and sources on the topic.

Krizel V. Manuzon

Reading Notes to fill out when reading course and outside reading materials for assignment

Note Taking Sheet: Reading # 1

Course ENCOURSE NAME ___EN101___

Section ___ON01___

With many sources to read and evaluate, you need a way to keep track of the material you may use in your research paper. You need to record where you have looked, what you have found, and how to find each piece of information again (this is for your bibliography).

Directions: Fill in the information below, and keep with all of your resources. This will help you when it is time to write your outline, paper, and annotated bibliography.

1. Author's Name: No Specific Author Listed.
2. Author's Credentials (Press Release)
3. Publisher [or title of organization]: American Pregnancy
4. Heading of Section [title of reading]: *Teen Pregnancy Issues and Challenges*
5. Year Written: September 6, 2017
6. Pages: 1
7. Website URL: <http://americanpregnancy.org/unplanned-pregnancy/teen-pregnancy-issues-challenges/>

Main Ideas/Points	Important Quotations	Supporting Details	Relevance to Your Assignment
<ul style="list-style-type: none">• Risks for young teens going through teenage	<ul style="list-style-type: none">• "Though women are able to give birth	<ul style="list-style-type: none">• The baby may become premature and have a low birth	<ul style="list-style-type: none">• It is risky for teens to be pregnant at a young

pregnancy.	as soon as they begin menstruating, there are some possible risks when you have a child early on in your teen years.	weight. There is also a higher rate of infant mortality.	age due to the capability and maturity of the body to handle labor.
Main Ideas/Points	Important Quotations	Supporting Details	Relevance to Your Assignment
<ul style="list-style-type: none">• Teenage pregnancy may affect the young woman's education.	<ul style="list-style-type: none">• "... some may have to miss school here and there for doctor's appointments and check ups. Maybe you have a lot of symptoms (like morning sickness) that cause you to be tardy or have to run out of class."	<ul style="list-style-type: none">• Hormonal changes in a woman's body may affect their presence at school causing a disruption to their education. Some students decide to drop out of school to fully prepare for the baby.	<ul style="list-style-type: none">• Since teenage pregnancy has become common the CNMI in the recent years, the general public must become more aware of the risks and potential hazards a teen may experience with this change.

In this article, is it possible that any of the authors might have a bias about the subject matter? No, they provide tips on how to manage certain scenarios that may occur. w (provide examples if needed).

Is the article timely or a bit outdated? Timely. The article was last updated on September 6, 2017 and uses multiple sources for support.

Was it published in a reputable source? Yes.

It is an academic source.

Other important information: Referred readings and sources on the topic.

Reading Notes to fill out when reading course and outside reading materials for assignment

Note Taking Sheet: Reading # 2

Course ENCOURSE NAME EN101

Section ON01

With many sources to read and evaluate, you need a way to keep track of the material you may use in your research paper. You need to record where you have looked, what you have found, and how to find each piece of information again (this is for your bibliography).

Directions: Fill in the information below, and keep with all of your resources. This will help you when it is time to write your outline, paper, and annotated bibliography.

1. Author's Name: Ana Sablan Teregyo. Contributing Author: Jun Dayao.
2. Author's Credentials (Press Release)
3. Publisher [or title of organization]: Saipan Tribune
4. Heading of Section [title of reading]: *Why the CNMI needs healthcare reform ... now!*
5. Year Written: January 30, 2015
6. Pages: 1
7. Website URL: <https://www.saipantribune.com/index.php/cnmi-needs-healthcare-reform-now/>

Main Ideas/Points	Important Quotations	Supporting Details	Relevance to Your Assignment
<ul style="list-style-type: none">Lack of hospital equipment, resources, and staff.	<ul style="list-style-type: none">"Thirty-five years later, we continue to experience reduced	<ul style="list-style-type: none">The residents of Tinian and Rota are also dependent on the medical staff of the Commonwealth Healthcare Corp. because those	<ul style="list-style-type: none">The lack of professionals working in a specific

	<p>appropriation from the CNMI government, problems on billings and collections, lack of trained administrative personnel, lack of medical professionals in the area of specialized fields such as diabetes, cardiology is</p>	<p>islands do not have their own public hospital.</p>	<p>field poses a risk for teenagers and foreigners alike. The lives of these residents and tourists that go into labor in the CNMI are put at risk when there is no guarantee there will be a medical professional to work on their case.</p>
Main Ideas/Points	Important Quotations	Supporting Details	Relevance to Your Assignment
<ul style="list-style-type: none"> Unnecessary procedures may become an option for those who are unable to find urgent care on island. 	<ul style="list-style-type: none"> "... the need to help someone whom he had once been responsible 	<ul style="list-style-type: none"> Unprofessional or inexperienced medical staff may harm the patient more. Many patients have been referred off island to receive quality care from other medical facilities 	<ul style="list-style-type: none"> If a procedure is misdiagnosed and the woman was offered amputati

	<p>ble for and a person who had been mistreated and misdiagnosed by CHC and who have had her leg amputated!"</p>	<p>such as St. Luke's in the Philippines.</p>	<p>on then there is no emotional security for women who give birth on island. Should an urgent matter occur, there would not be enough time to refer the woman to another medical facility</p>

In this article, is it possible that any of the authors might have a bias about the subject matter?

- > Yes, the article is based on Ms. Ana Sablan ~~Teregeyo's~~ experience at the only public hospital in the CNMI. Not all patients may experience what she had, but may have gone through something similar. Many

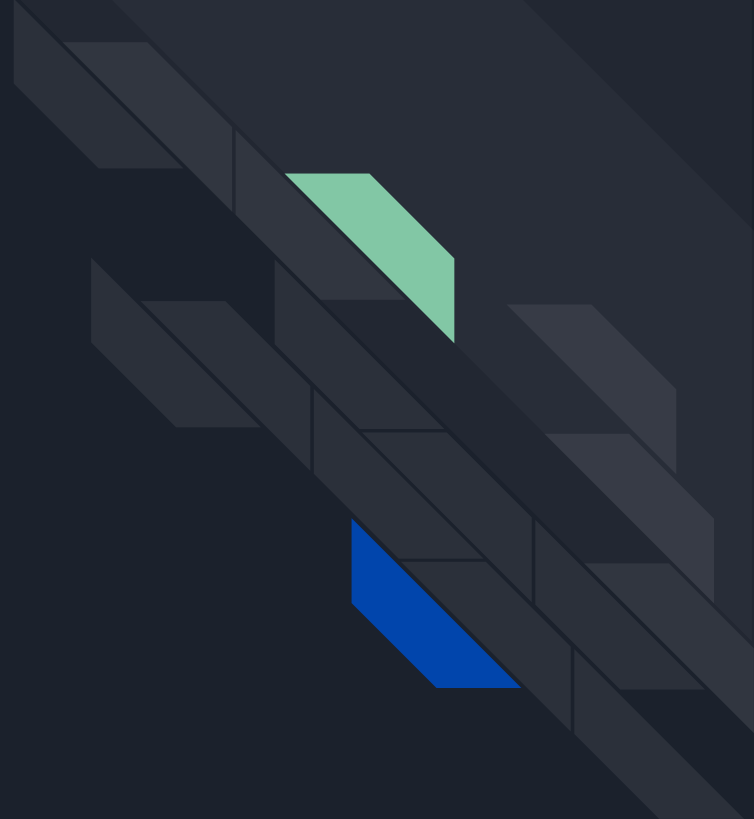
Is the article timely or a bit outdated? A bit outdated. The hospital may have hired more professionals in specified fields.

Was it published in a reputable source? Yes.

It is not an academic source.

Other important information: Referred readings and sources on the topic.

Research Paper



Pregnancy Risk Occurrences in the CNMI

|

Krizel V. Manuzon

English 101, Online Section 1

Dr. Kimberly Bunts-Anderson

April 27, 2018

Northern Marianas College

Table of Contents

Introduction – 3

Abstract – 3

Literature Review – 4

Methodology – 5

Analysis – 5

Research Questions – 6

Discussion – 6

Conclusion – 6

Appendix I – 7

Appendix II – 8

Appendix III – 9

Appendix IV – 10

References – 11

Introduction

The purpose of this study was to observe receive feedback from peers who may have experienced difficulties during their labor. This study includes an individual's awareness of the risks and amount of resources that the CNMI is able to provide for women who visit from off island and teens during their pregnancy.

Abstract

This study explores the community's awareness on pregnancy risk occurrences in the CNMI. In the recent years, rises in pregnancy from both teenage residents and foreigners have emerged and more often than not, people are not alert about potential dangers or situations a mother may face. The articles used in this research contain information obtained from online sources and responses from a distributed survey. Moreover, the responses received included comments on experiences an individual, or someone they know, may have encountered when in regards to delivering in the CNMI. This report also includes the Commonwealth Healthcare Corporation's ability to perform its duties to its fullest and the obstacles it is facing with its day to day operation.

Literature Review

In an article posted by the Medical Daily, Lizette Borrelli had stated that international flights are often restricted for pregnant women who are at a minimum of 32 weeks due to the access of medical care that may be received depending on the country being visited (Borrelli, 2013). The CNMI's lone public hospital provides services to those who need it without requiring immediate payment. Although despite this, it lacks adequate resources to support specialized fields especially in the women and childcare department. This poses potential risks since medical referral isn't an option for urgent aid. For example, if a woman were to experience ectopic pregnancy (the fetus developing outside of the uterus) and the hospital experiences a shortage in required medicine or professionals the woman may experience her fallopian tube rupturing causing an urgent need to find an immediate solution.

Furthermore, teenage pregnancy has also become a concern for many residents due to how common it has become. A few survey respondents stated that the lack of sexual education at a young age might be a contribution to the matter. "Based on what the CDC had gathered that 24.2 percent of every 1,000 live births in 2014 are from mothers 15 to 19 years old. In total, the CNMI has 41.3 percent." (Barrineau, 2016). With these means, the community needs to become more aware of potential health risks these young mothers may experience if not provided proper healthcare. All of this leads back to the resources that can be provided by the Commonwealth Healthcare Center.

Methodology

Due to the researchers unavailability to go out and administer face-to-face interviews, the entire research was focused on receiving responses from respondents on a survey or through conducted research online. In total the survey was distributed to about 30 people, but only received 18 responses back. Regardless of this, these respondents provided experiences they encountered while being hospitalized or being a teenage mother. Respondent number 18 shared responses that they've seen through observation from others.

Analysis

To give birth to another human being has always been one of the most spectacular events to occur for women. However, the absence of awareness on this topic should be a concern due to the correlation of the Commonwealth Healthcare Corporation's medical ability to assist women who may experience a difficult pregnancy. Whether it is internal (health issues) or environmental factors (, risk awareness is the key to delivering a healthy baby. With the responses received from residents on a conducted survey, many had agreed that the CNMI lacked healthcare professionals who specialize in childcare. This is a concerning manner because the CNMI is basically isolated and is in the middle of the Pacific Ocean. Flying out to seek immediate medical assistance is difficult and costly for both the patient and their family.

Research Questions

1. In your opinion, do you think that teenage pregnancy puts the young mother's health at high risk?
2. Do you think that women who board flights close to their due date risk their health than those who do not?

Discussion

In discussion, a few resident respondents had raised some concerns regarding the growing birth tourism in the CNMI. Although that is not the focus of the article, a large majority of tourists that deliver on Saipan are foreigners who risk their pregnancy flying close to their due date. As discussed, access to healthcare is not similar in all countries. It is also unsafe if the woman has health issues prior to her pregnancy and boarding a plane.

Conclusion

In conclusion, increased awareness on these important issues will aid in reducing these dangers for pregnant women. A contributing factor to this solution would also be if the Commonwealth Healthcare Corporation were able to obtain professionals in these specialized fields to avoid sending patients off island. Medical referral requires more expenses for the hospital to provide approval and send off a patient with one companion. In addition, it would raise revenue and reduce costs because residents from Tinian and Rota are also very reliant on this public hospital. The hospital would then regain the trust of its people and provide quality healthcare.

Appendix I

(Please note that some responses may have been altered due to grammatical errors.)

Question 1: From your observance, has the Commonwealth Healthcare Corporation (CHCC) gained more professionals in different fields or is it lacking adequate staff?

§ **Response 1:** "Yes, it is lacking an adequate amount of staff for specific fields. I feel that if they could acquire these staff, or at least a more decent amount of professionals, then we wouldn't always have to send people off island."

§ **Response 2:** "They've gained more professionals over the years, but due to rapid population growth in the CNMI I would say they're still lacking adequate staff."

§ **Response 3:** "From my experience working there, they lack equipment, supplies, and healthcare professionals such as surgeons."

§ **Response 4:** "I believe they're lacking staff. At the time I was in labor and delivery, they had me hold my baby from being born due to the doctor was not in at the moment. He was on call and it took him time to arrive."

Appendix II

(Please note that some responses may have been altered due to grammatical errors.)

Question 2: Please use this section to add any additional comments in regards to population growth and pregnancy risks in the CNMI.

§ **Comment 1:** "Pregnancy risks and population growth in the CNMI are not so bad as other countries, but that doesn't mean we should ignore it until it becomes worse. Our selected leaders and the community should be educated about these topics and there should be some preventative methods/options available to be taken."

§ **Comment 2:** "Definitely need to upgrade the equipment such as ultra sound machine, to detect complications or defects early on."

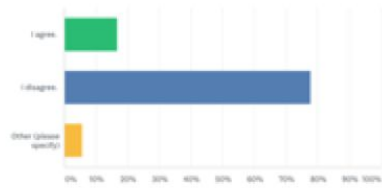
§ **Comment 3:** "Extend sex education to as low as 6th graders. As years go by, teenage pregnancy has grown substantially from as young as 13 years old."

§ **Comment 4:** "Hard to say. Population is growing due to unplanned pregnancy, but majority of this growth seems to be from tourists coming in working illegally. In addition to tourists coming in, most of them are pregnant Chinese women who stay much longer than they should just to give birth here."

Appendix III

In relation to the previous questions, do you think that the CNMI hospital has sufficient equipment and resources should there be any medical complications?

Answered: 16 Skipped: 0

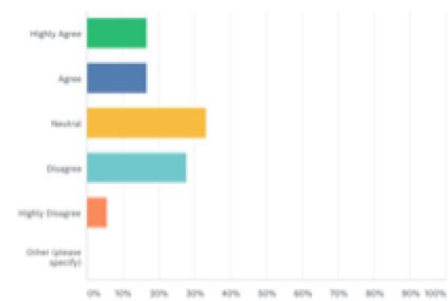


ANSWER CHOICES	RESPONSES
I agree	18.75% 3
I disagree	75.00% 14
Other (please specify)	6.25% 1
TOTAL	16

Appendix IV

In your opinion, do you think that teenage pregnancy puts the young mother's health at high risk?

Answered: 16 Skipped: 0



References

Borrelli, L. (2013, July 9). Pregnancy And Flying: Risks Of Air Travel For Pregnant Women.

Retrieved from <http://www.medicaldaily.com/pregnancy-and-flying-risks-air-travel-pregnant-women-247514>

Mack, L. (2017, November 9).

<http://webcache.googleusercontent.com/search?q=cache://www.cheapflights.com/news/air-travel-and-pregnancy>. Retrieved from <https://www.cheapflights.com/news/air-travel-and-pregnancy>

Perez, J. (2016, May 29). Programs set to curb NMI teen pregnancy. Retrieved March 14,

2018, from <https://www.saipantribune.com/index.php/programs-set-curb-nmi-teen-pregnancy/>

Swierzewski III, S. (2000, October 31). Teen Pregnancy & Health Risks to the Baby - Teen

Pregnancy - HealthCommunities.com. Retrieved from

<http://www.healthcommunities.com/teen-pregnancy/children/risks-to-baby-in-teen-pregnancy.shtml>