

RESEARCH ARTICLE

People Views about Pertussis

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ABSTRACT

The objective of present study was people views about pertussis. There were 78 subjects. The pertussis is whooping cough. Bacterium Bordetella pertussis is responsible for this disease. It is respiratory disease. It makes difficult to breathe. Pertussis causes pneumonia, fever, flu and even brain damage. Babies undergoes in death during pertussis. It also causes vomit during coughing. Antibiotics are used in this disease. Vaccines of pertussis are also available.

Key words Pertussis, pneumonia and brain damage and antibiotics

INTRODUCTION

Pertussis is whooping cough. Bacterium Bordetella Pertussis is responsible for this disease. It is contagious respiratory disease. In this disease uncontrollable severe coughing starts which often makes difficult to breathe. Antibiotic are used in this disease. Whooping cough is dangerous for babies. Many children's undergoes in death. It can infect any age person child, elders and old people. It causes pneumonia, fever and even brain damage. Flu, fever and mild cough are initial symptoms of pertussis. Pertussis also caused vomiting and tiredness. It also causes rib fracture. Whooping fit occurs and gasps or whoop sound produces when infected person breathe. It is spread through the air. Sneezing and coughing helps in spreading of pertussis. Pertussis vaccine is also available.

MATERIAL AND METHOD

This study contained 78 subjects. All were the students of Bahauddin Zakariya University Multan with the age between 19 to 25 years old. Views of students about pertussis are given as below tables.

Table 1: Questionnaire to evaluate the people views about etiology of pertussis

| Pertussis is a | | Yes | No |
|------------------------------|----------------------------------|--------|--------|
| 1. | Pertussis is a Viral disease | 0% | 100% |
| 2. | Pertussis is a Bacterial disease | 96.15% | 3.85% |
| 3. | Pertussis is a Fungal disease | 6.41% | 93.59% |
| 4. | Pertussis is Genetic disease | 11.54% | 88.46% |
| 5. | Pertussis is a Metabolic disease | 42.30% | 57.69% |
| Ever suffered from pertussis | | | |
| 6. | You | 7.69% | 92.30% |

| | | | |
|-----------------------------|-------------------------------|--------|--------|
| 7. | Your family member | 14.10% | 85.89% |
| 8. | Your relative | 37.17% | 62.82% |
| 9. | Your neighbor | 24.36% | 75.64% |
| 10. | Your friend | 28.20% | 71.79% |
| Pertussis is transmitted by | | | |
| 11. | Contacts or blood transfusion | 26.92% | 73.07% |
| 12. | From parents to offspring | 16.67% | 83.33% |
| Pertussis may be treated by | | | |
| 13. | Medicines | 93.58% | 6.41% |
| 14. | Surgery | 11.54% | 88.46% |
| 15. | No need of treatment | 17.94% | 82.05% |

PROJECT

A questionnaire was prepared to know about the people views about pertussis. There were different tables those are made according to questions. Survey of class was done and students answered according to their knowledge.

Statistical Analysis

Statistical analysis was performed by using micro soft Excel.

RESULT AND DISCUSSION

This study contained 78 subjects. All were the students of Bahauddin Zakariya University Multan with the age between 19 to 25 years old. Views of students about pertussis are given as below tables. 0% people said that it is viral disease. 96.15% said that it is bacterial disease. 11.54% said it is genetic disease. 42.30% people said it is metabolic disease. 7.69% people said they were suffered from this disease. 26.92% said it is transfused by blood or contact. 16.67% people said it is genetically transferred. 93.58% people said it is cured by medicine. 11.54% said it

is cured by surgery. 17.94% said no need of treatment

People views about pertussis are given in table. After the survey of whole class following results were obtained.

Table 1: Questionnaire to measure awareness about pertussis

| Pertussis is | Yes | No |
|--------------------------------|--------|--------|
| Pertussis is Viral disease | 0% | 100% |
| Pertussis is Bacterial disease | 96.15% | 3.85% |
| Pertussis is Fungal disease | 6.41% | 93.59% |
| Pertussis is Genetic disease | 11.54% | 88.46% |
| Pertussis is Metabolic disease | 42.30% | 57.69% |

Table 2: Questionnaire to evaluate views about prevalence of pertussis

| Ever suffered from pertussis | Yes | No |
|--|--------|--------|
| You suffered from pertussis | 7.69% | 92.30% |
| Your family member suffered from pertussis | 14.10% | 85.89% |
| Your relative suffered from pertussis | 37.17% | 62.82% |
| Your neighbor suffered from pertussis | 24.36% | 75.64% |
| Your friend suffered from pertussis | 28.20% | 71.79% |

Table 3: Questionnaire to evaluate views about transmission of Pertussis

| Pertussis is transmitted by | Yes | No |
|-------------------------------|--------|--------|
| Contacts or blood transfusion | 26.92% | 73.07% |
| From parents to offspring | 16.67% | 83.33% |

Table 4: Questionnaire to evaluate views about Hope for Pertussis

| Pertussis may be treated by | Yes | No |
|-----------------------------|--------|--------|
| Medicines | 93.58% | 6.41% |
| Surgery | 11.54% | 88.46% |
| No need of treatment | 17.94% | 82.05% |

Table 5. People views about etiology of pertussis

| Pertussis | Male | | Female | | Total | |
|--------------------------------|--------|--------|--------|--------|--------|--------|
| | Yes | No | Yes | No | Yes | No |
| Pertussis is Viral disease | 0% | 100% | 0% | 100% | 0% | 100% |
| Pertussis is Bacterial disease | 100% | 0% | 95% | 4.76% | 96.15% | 3.8% |
| Pertussis is Fungal disease | 13.33% | 86.66% | 4.76% | 95.23% | 6.41% | 93.59% |
| Pertussis is Genetic disease | 26.66% | 73.33% | 7.93% | 92.06% | 11.54% | 88.46% |
| Pertussis is Metabolic disease | 26.66% | 73.33% | 46.03% | 53.96% | 42.30% | 57.69% |

Questionnaire based studies have been given an important outcome in current research. [3-10] CHW von Koenig at all, studied the awareness about Pertussis. We concluded that a combination of strategies to reinforce the implementation of current childhood immunization programs, increase the number of vaccine doses given in childhood and adolescence and target specific groups of high risk adults is currently considered to be the first step to reduce morbidity and

mortality caused by pertussis in young infants and reduce the health burden in older age groups because of waning immunity.

CONCLUSION

Pertussis is bacterial disease.96.15% people said that pertussis is bacterial disease. 0% people said that pertussis is a viral disease. 93.58% people said that it is cured by medicine.

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