

IMPACT OF BLOOD OXYGEN LEVEL WITH PARROT AS PET

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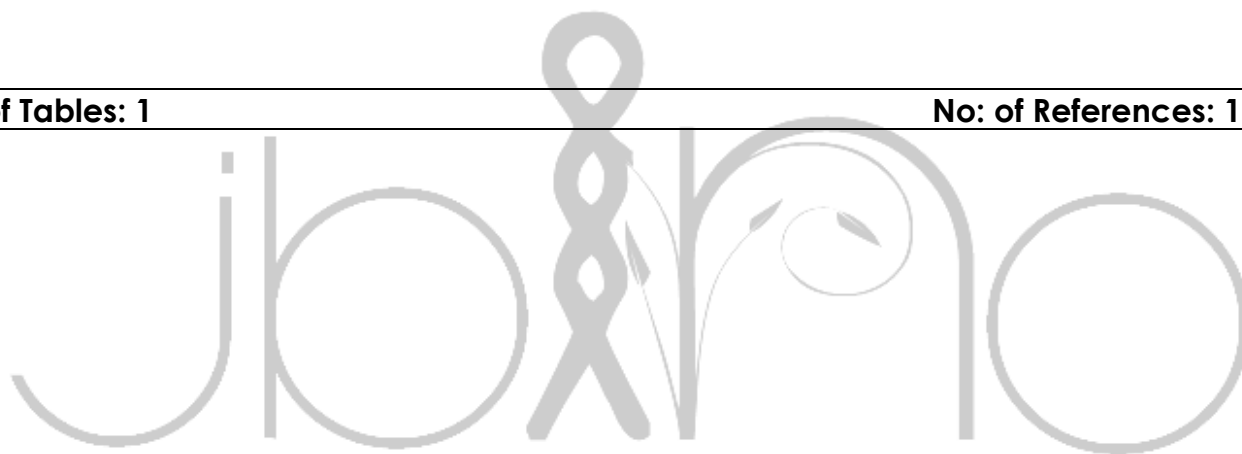
ABSTRACT

The main intent of the present study was to correlate blood oxygen level with the parrot as pet. The total subjects in this study were 200. All were the students of Bahauddin Zakariya University, Multan, Pakistan. Measurement of total amount of haemoglobin (oxygenated and non-oxygenated) as related to the percentage of oxygenated haemoglobin is called peripheral oxygen saturation.. Parrots are known for its exceptionally stained feathers. Some species of parrots have the ability to talk and they are able to imitator sounds made by other animals such as humans. It was concluded from present study that normal blood oxygen level have no scientific impact to parrot as pet.

Keywords: Peripheral, Oximeter, Feathers

No: of Tables: 1

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INTRODUCTION

Measurement of total amount of haemoglobin (oxygenated and non-oxygenated) as related to the percentage of oxygenated haemoglobin is called peripheral oxygen saturation. 95-100 percent are measured as normal blood oxygen level. Blood oxygen level below 90 is deliberated as low level of oxygen. Low oxygen level can cause syndrome called hypoxemia. The oxygen level of blood below 80 percent may encompass tissue problems such heart. Normal pulse oximeter readings usually range from 95-100 percent. Many indications of low blood oxygen level contains dumpiness of breath, headache, agitation, wooziness, rapid breathing, chest pain, misperception and high blood pressure. There is a need of incremental oxygen if the value of oxygen is below than 60mmHg. Normal human body requires and controls a very exact and specific balance of oxygen in blood. When oxygen molecule enters into the body tissues then oxygenation can occurs. Pulse oximeter is a method used for the estimation of percentage of oxygen assured to haemoglobin in the blood. Pulse oximeter machine contains small device that fasteners to the body and transfer its reading to reading meter with the help of wire. Recent survey of health care workers for monitoring pulse oximeter index finger was selected by 80% for peripheral oxygen saturation measurement.

The ordinary sized group of birds is called parrot. Parrots are known for its superbly stained feathers. Some species of parrots have the ability to talk and they are able to imitator sounds made by other animals

such as humans. Some species of parrots have bent beaks, tough legs, and rummaged feet's. Some parrots depends on kernel for food. Parrots have different variations that helps them to live in their atmosphere. These variations include zygodactyl and having a durable beaks. The main hunters of parrot are birds of victim such as hawks, owls, eagles, and large sea snake such as pythons etc. Kakapo parrot live over 95 years and Hyacinth macaw lives over 50 years. Bright colored parrots can make more detectible to pillagers. Parrots are omnivores which means that they can eat both meat and vegetation.

The objective of the present study was to evaluate any correlation between the blood oxygen level and parrot as pet.

MATERIALS AND METHODS

200 subjects take part in the present study. All the subjects were from Bahauddin Zakariya University, Multan, Pakistan. The blood oxygen level of each subject were totally different from each other.

Measurement of Blood Oxygen Level

Blood oxygen level is an assessment of the oxygen saturation level usually measured with a pulse oximeter device. This can be calculated with pulse oximeter conferring to the resulting procedure:

$$HbO_2 = \frac{HbO_2}{Hb}$$

Where HbO₂ is oxygenated haemoglobin and Hb is deoxygenated haemoglobin.

Project Design

A questionnaire was prepared to correlates the blood oxygen level with parrot as pet 200 subjects were take part in this project.

Statistical Analysis

By using M.state statistical analysis was completed. For the analysis of result student's *t*-test was done. $p < 0.05$ was considered as significant.

RESULTS AND DISCUSSION

Impact of blood oxygen level with parrot as pet is given in table 1. To analyze the results *t*-test was used. 200 subjects were take part. Different students had different oxygen level in their blood. A number of questions were asked from the students and they answered accordingly. Impact of blood oxygen saturation with parrot as pet is given in table 1.

Table 1: Impact of Blood oxygen level (Mean±SD) with Parrot as Pet

Gender	Parrot Likeness	Parrot Dislikeness	p-value
Male	4.24±4.86	95.78±5.46	0.6
Female	94.96±8.97	96.34±4.71	0.2
Both	95.47±7.96	96.20±4.82	0.4

Non-significant ($p < 0.05$)

Questioner based studies had been given important out comes in current research (1-10). According to above table a higher average value of blood oxygen level is 96.20 and this value show dislikeness with parrot as pet and 95.47 is lower average value of blood oxygen level and this shows likeness with parrot as pet. $p < 0.05$ was considered as significant. *t*- test was made and calculated value of *t*- test was not significant.

CONCLUSION

From the present study it was concluded that normal blood oxygen level have no scientific impact to parrot as pet.

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