VETERINARY MEDICINE IN AFGHANISTAN

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WELCOME TO AFGHANISTAN

The friendly country of the word
Topography of Afghanistan
Afghanistan which translate as land of Afghans

<table>
<thead>
<tr>
<th>Nationality</th>
<th>Afghan</th>
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<tbody>
<tr>
<td>Currency</td>
<td>Afghani</td>
</tr>
<tr>
<td>Religion</td>
<td>Muslim</td>
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<tr>
<td>Population</td>
<td>31,056,997</td>
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<tr>
<td>Language</td>
<td>Pashtoo and Dari or Farsi</td>
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<tr>
<td>Climate</td>
<td>Dry (cold winter and hot summer)</td>
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</tbody>
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Languages of Afghanistan

**provinces with the most spoken language colored**
Islamic Republic of Afghanistan
Kabul
Heart Mosque
Shrine of Baba Saab in Kandahar
Mazar-i-sharif
Women national dress
Local Dress of Ancient Kabul
Local Dress of Herat
Local Dress of Kandahar
Local Dress of Gazni
Local Dress of Mangal
Local Dress of Hazarajat
Local Dress of Bamyan
Local Dress of Badakhshan
Kuchi Dress
Men National Dress
Men National Dress
Local Dress of Kabul and Mazar-i-Sharif
ATTAN
ATTAN
Traditional Afghan Dance (Attan)
Traditional Afghan dance (Attan)
Popular Afghan Music Instrument

- Keyboard
- Drum
- Robab
- Tumbor
- Tula
Keyboard
Drum
Robab and Tula
Women Hand Craft in Afghanistan
Export

- Fresh fruit
- Dry fruit
- Nut
- Wool
- Karakol skin
- Sheepskin
- Carpet

Precious Stone
- Lapis lazuli
- Emerald (highly)
- Azure
Agriculture and Animal production

- Wheat
- Cereal
- Fruits
- Nuts
- Vegetable
- Cotton wool
- Meat
- Diary
- Karakol skin
- Sheepskin
- Wool
Bakery of Uzbeki Bread
Bakery of Flat Bread
Palau is popular dish in AFG
Buzkashi is an ancient game played using horses in Afghanistan
Buzkashi
In Afghanistan it has been traditional to use horse as a mode of transportation.

The horse has been used during war times as well.
In 1919 because of the war with England, many horses suffered injuries. At this time Afghanistan did not have veterinarians. Due to a lack of treatment, injured horses died. This resulted in a shortage of horses. The government sent some army students to Turkey for veterinary education.
In 1961, one of those army veterinarians went to the President. After discussion, our President agreed to establish a Veterinary College in Kabul. This college is the primary veterinary institution in Afghanistan.
Veterinary College in Kabul

Introduction

- Dean’s office
- Administration
- Library
- Departments
  - 5
- Laboratories
  - 22
- Classrooms
  - 5 large
  - 5 small
Veterinary College in Kabul

Introduction contd.

Departments (5)

- Each department consist of two offices
  - Pre-clinic Department
  - Para-clinic Department
  - Clinical Department
  - Animal Science Department
  - Food Safety & Technology Department
Curriculum of Veterinary College in Kabul

#1 Entrance Examination
Curriculum of Veterinary College in Kabul contd.

Five year program

- **First year** – Mathematics, Physics, Chemistry, Biology & Medical Terminology
- **Second year** – Anatomy, Physiology, Biochemistry, Histology, Microbiology, Genetics & Breeding.
- **Third year** – Animal Nutrition, Parasitology, Pathology, Bacteriology, Virology, Pathophysiology & Animal Hygiene
Curriculum of Veterinary College in Kabul contd.

- **Fourth Year** – Poultry disease, Epidemiology, Pharmacology, Clinical Diagnosis, Food Technology, Internal Medicine, Surgery & Gynecology.

- **Fifth year** – Epidemiology, Internal Medicine, Surgery, Gynecology, Food Safety & Food Analysis.

  - In the last year of the study, students give a seminar on a topic of their choice.
Laboratories - 22

- Functional Laboratories
  Anatomy
  Biochemistry
  Food Analysis
  Nutrition
  Bacteriology
Biochemistry Laboratory
Clinical Training in 4th & 5th Year of the Vet Curriculum
Clinical Activities

- Large Animal
  - Surgery
  - Gynecology
  - Internal Medicine

- Small Animal
  - Surgery
  - General Examination
Clinical Exam – Parasitic Infection
Clinical Exam – Gynecology
Employment Agencies in Afghanistan

- Ministry of Agriculture
  - Veterinary Department
- Ministry of Health
  - Food Inspection Department
- City Office
  - Regulate butchery & sale of animal products in the local market
- Quarantine Department at the Airport
Employment Agencies in Afghanistan contd.

- Ministry of Commerce
  - Import & export of animal products
- United Nations - Food & Agriculture Organization
- Dutch Committee for Afghanistan
- French Committee
  - Vaccine production & vaccine control department
Employment Agencies in Afghanistan contd.

- Poultry Project of ICRC
- Other National Veterinary Projects
  - Cattle, Sheep, Goat
- Private Clinics
Paravet Students in DCA Committee
Graduation Ceremony of the Paravet Program
Effects of war on the Veterinary Services in Afghanistan

- Shortage of Veterinarians
- Shortage of Funds
- Shortage of Veterinary Drugs and Vaccines
- Open borders – easy spread of diseases
- Closure of Clinics in Villages
- Closure of Veterinary School
- Destruction of Animal Diagnostic Labs & Research Institutes
1993 - Ruins of Vet Clinic in Kabul
1993 - Ruins of Diagnostic Laboratories and Research Institute
Autoclaving of instruments was not possible during war. Gasoline was used to generate power with the help of a generator. Gasoline power was then used to autoclave instruments.
Current Condition of Veterinary Medicine in Afghanistan

Veterinary personnel is already available in different villages of Afghanistan

- Animal Health Clinics – supported by government
- Animal Health Clinics – support by DCA
- Animal Health Clinics – Private
- Institute of Diagnosis and Research in Animal Diseases in Kabul
2006 - Drugs for Animals
2006 – Veterinary Campus in Kabul
Veterinary Field Unit
Future of Veterinary Medicine in Afghanistan
President of the Afghan Veterinary Association

Dr. S. Safe
Quarterly Meeting of Vet Association in Afghanistan
Afghan Veterinarians are Interested in Building Private Animal Hospital
Farmers are Interested in Building Poultry Farms
Poultry Project Members of DCA