

## **DIAZEPAM TABLETS**

### **COMPOSITION**

#### **EACH TABLET CONTAINS:**

Diazepam                      BP 5mg

### **EXCIPIENTS**

Maize starch, Talc, Povidone, magnesium stearate

### **INDICATIONS**

Muscle relaxant, sedative and relief of anxiety.

### **DOSAGE**

As prescribed by physician

### **PHARMACOKINETICS**

Diazepam is readily completely absorbed from the gastrointestinal tract. Peak plasma concentration occurs within 30 to 90 minutes after oral administration. It is metabolized in the liver and excreted in the urine mainly in the form of free or conjugated metabolites.

### **PHARMACODYNAMICS**

Diazepam act on part of the limbic system, the thalamus and hypothalamus to induce calming effects. Benzodiazepines bind to benzodiazepine receptors which mediate sleep, affect muscle relaxation, anticonvulsant activity, motor co-ordination and memory.

### **ADVERSE/ SIDE EFFECTS**

Drowsiness, Sedation, Muscles weakness, ataxia

### **CONTRAINDICATIONS**

Diazepam should be avoided in patients with pre-existing CNS Depression, respiratory depression, acute pulmonary insufficiency and myasthenia

### **PRECAUTIONS**

Diazepam should be use with care in patients with chronic pulmonary insufficiency, elderly or debilitated, impaired liver or kidney

### **OVERDOSE**

Overdose of diazepam may produce CNS depression and coma. Symptomatic and supportive treatment should be given to the patients in this case. Activated charcoal may be given to patients who have taken more than 1mg/kg of diazepam within an hour.

**DRUG INTERACTIONS**

Diazepam should not be taken with antiviral such as HIV protease because they may inhibit their metabolism. Antibacterial like ciprofloxacin and isoniazid also increase the half-life of diazepam. Alcohol enhances the sedative effect of diazepam.

**PREGNANCY AND LACTATION**

It is not safe for pregnant and nursing mothers unless prescribed by the doctor.

**PRESENTATION**

Blister pack of 50 x 10 tablets

**STORAGE**

Keep in cool and dry place below 30°C

KEEP OUT OF REACH OF CHILDREN

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MANUFACTURED BY:

GOLDEN TOWER LIMITED

34 MAUSOLEUM STREET, OPPOSITE APRA HOUSE, NORTH INDUSTRIAL AREA

ACCRA - GHANA