**Trauma Centre and Emergency Services**

**Overview**

**Trauma Centre:**

A trauma centre is a medical facility equipped and staffed to provide specialized care for patients suffering from major traumatic injuries such as falls, road traffic accidents, and other serious incidents. The centre is designed to provide rapid assessment, resuscitation, stabilization, and specialized treatment to critically injured patients.

**Key features of a trauma centre at Jeevan Jyoti Hospital Prayagraj:**

1. **Specialized Staff**: The trauma centre has a multidisciplinary team of highly trained medical professionals including trauma surgeons, emergency physicians, nurses, anaesthesiologist, and other specialists available around the clock.
2. **Advanced Equipment**: Our centre is equipped with advanced medical equipment such as CT scanners, X-ray machines, operating rooms, and intensive care units to provide comprehensive care to trauma patients.
3. **Availability Hours:** The highest level of care with 24/7 availability of specialists and a full range of medical services.
4. **Integration with Emergency Services**: Our Trauma centre works closely with emergency medical services (EMS) to ensure that patients receive timely and appropriate care from the moment of injury through transport to the hospital and during their hospital stay.

**Emergency Services:**

The emergency department (ED) is the entry point for patients seeking urgent medical care. It serves as the frontline for evaluating and stabilizing patients with a wide range of medical conditions. The department is staffed by emergency physicians, nurses, and other healthcare professionals trained in acute care medicine.

**Services provided in the ED include:**

* + Triage to prioritize patient care based on the severity of their condition.
  + Initial assessment and stabilization of patients.
  + Diagnostic testing, such as blood tests and ECGs.
  + Treatment for medical emergencies, including heart attacks, strokes, respiratory distress, and severe infections.
  + Coordination of care with other hospital departments or specialty services as needed.
  + Referral to inpatient units, outpatient clinics, or follow-up care providers for ongoing treatment.

**Integration and Collaboration:**

* Trauma centre and emergency departments work closely together to provide seamless care to patients.
* There's typically a coordinated system in place for transferring patients from the ED to the trauma centre or other specialized units within the hospital when necessary.
* Collaboration with pre-hospital care providers, such as emergency medical services (EMS), for timely patient transport and continuity of care.

**The Golden Hour:**

In accident victims, the first hour after the accident is considered the 'Golden Hour'. It is critical in accident patients that the time gap between the accident and the definitive treatment is minimized. This can help in saving precious lives. It is made possible by our dedicated trauma service unit where the patient is quickly evaluated, moves through diagnostics, and gets the final treatment within the golden hour.

**Why Choose Us:**

Overall, the trauma centre and emergency services at Jeevan Jyoti Hospital ensure that individuals with urgent medical needs receive prompt and appropriate treatment, potentially saving lives and minimizing the long-term impact of injuries and illnesses. This is possible because of the availability of trauma surgeons, emergency physicians, nurses, anaesthesiologist, and other specialists available around the clock.

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