**Course: Advanced Bioinformatics**

**Module title: Electronic Health Record**

**Module no. : 177**

**Electronic Health Record (EHR)**

* The electronic health record (EHR) includes patient medical information from multiple sources, including components of the EMR
* Is accessible from any location

**Heath History**

* EHR provides users with secure and private lifetime health history
* Record is available to authorized health care providers and individuals

**EHR Components**

* EHR is combination of people, technology and standards that interact and exchange clinical data to provide high quality and effective health care

**EHR Issues**

* Need common vocabulary as HER is used across multiple organizations
* Data Integrity
* Privacy and security of patient data
* EHR implementation cost

**EHR Usage**

* Patient centric electronic health record
* Decision support services for doctors
* Services to support health surveillance and research
* Services to ensure privacy and security
* Services to ensure privacy and security of patient
* Diagnostic
* E-Prescribing
* Decreased wait time for patient