



*Class 1*

*Medical chemistry*

*lecture : 7*

## Lecture Title: Allenes and alkynes

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## Objective

- ✓ **Alkenes Molecular and Structural Formulas**
- ✓ **Alkenes named using the IUPAC system**
- ✓ **Reactions of alkenes**
- ✓ **Physical Properties of Alkenes**

**1- Hydrogenation**

**2- Hydration**

**3- Halogenation**

**4- Hydrohalogenation**

**5. Oxidation**





## Objective

### 6. Polymerization

✓ **Alkynes**

✓ **Alkynes named using the IUPAC system**

✓ **Physical Properties of Alkynes**

✓ **Reactions of alkynes**

**1- Hydrogenation**

**2- Halogenation**

**3- Hydrohalogenation – Markovnikov Rule**

**4- Hydration.**





# QUESTIONS

Dr. Huda Mahdi

