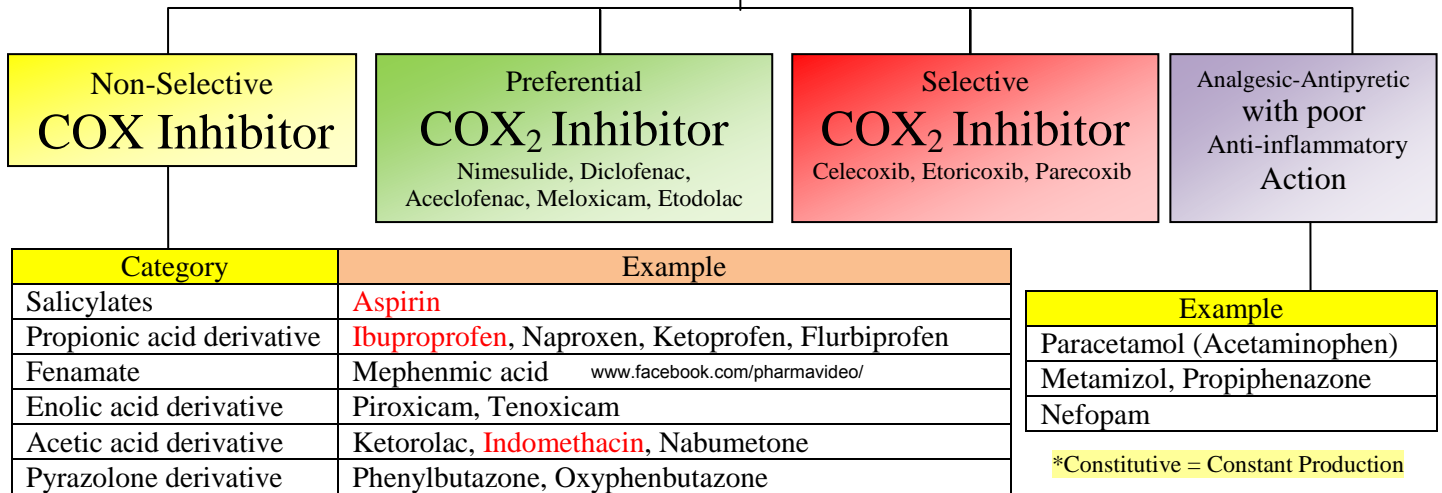


Classification and Mechanism of Action

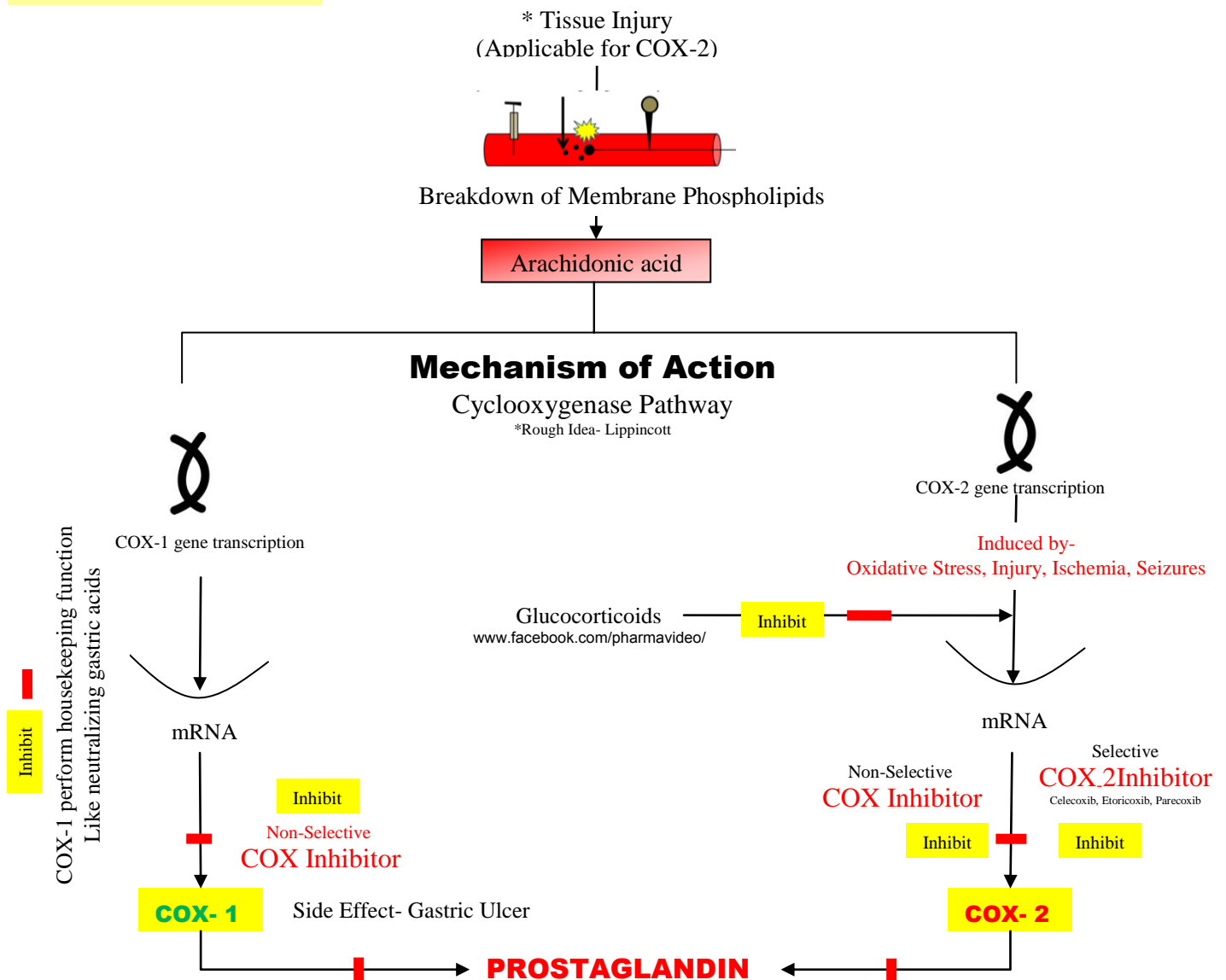
NSAID

Non steroidal anti-inflammatory Drugs

*Classification- KD



Key Point (Solution) - As name Indicate NSAIDs are those agents which are used to get relief from pain, inflammation and fever. And as per the COX pathway we understand that **COX-1** and **COX-2** ultimately form **prostaglandin** which initiates perception of pain and inflammation. So anyhow if we block or inhibit the synthesis of PG we may reduce pain and inflammation. Although COX-1 is constitutive in nature thus it always get secreted without induction of injury and called as a house keeper so it's better to inhibit COX-2 rather than COX-1.



*Diagrams and explanations are made by solution-pharmacy

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