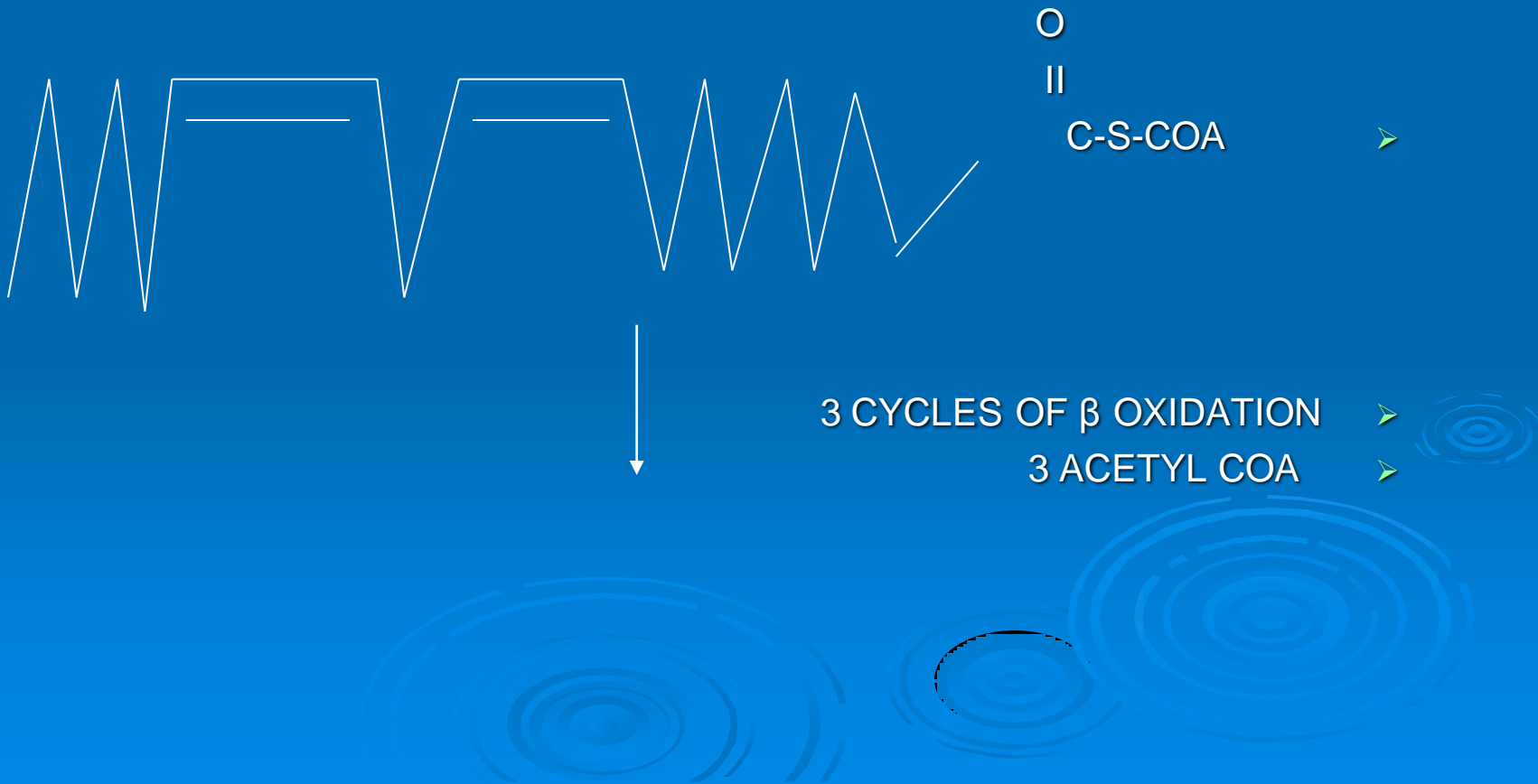


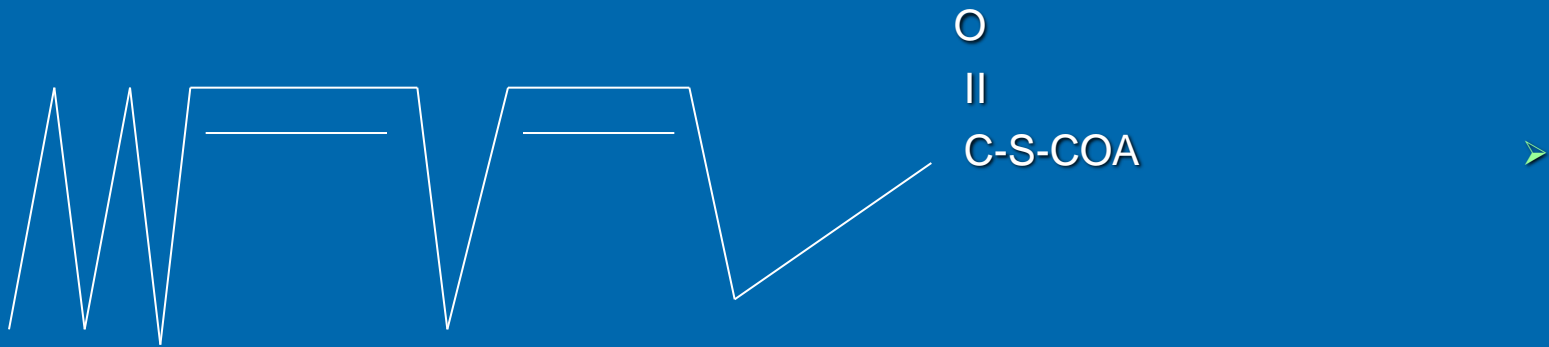
## Oxidation of unsaturated fatty acids

coA esters of unsaturated f.a degraded by the enzyme responsible for the  $\beta$ -oxidation until  
▲ 3-cis acyl coA compound or ▲ 4-cis acyl coA compound is formed

# $\beta$ -oxidation



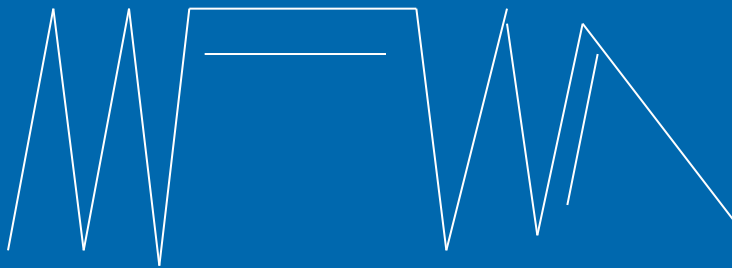
# $\beta$ -oxidation



Enoyl-coA isomerase

A white arrow points downwards from the skeletal structure to the text 'Enoyl-coA isomerase'. The background features a blue gradient with faint, stylized water ripples.

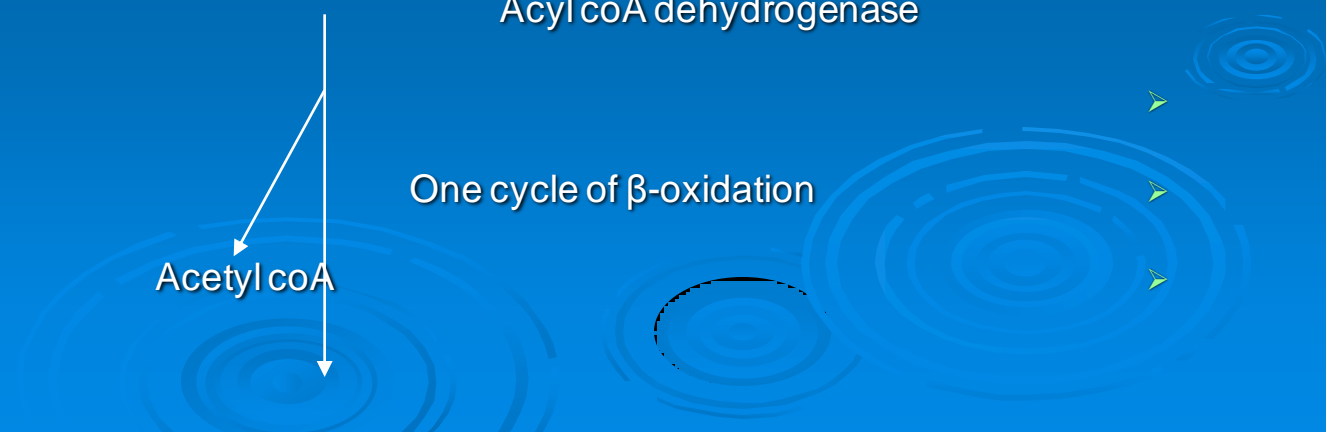
# $\beta$ -oxidation



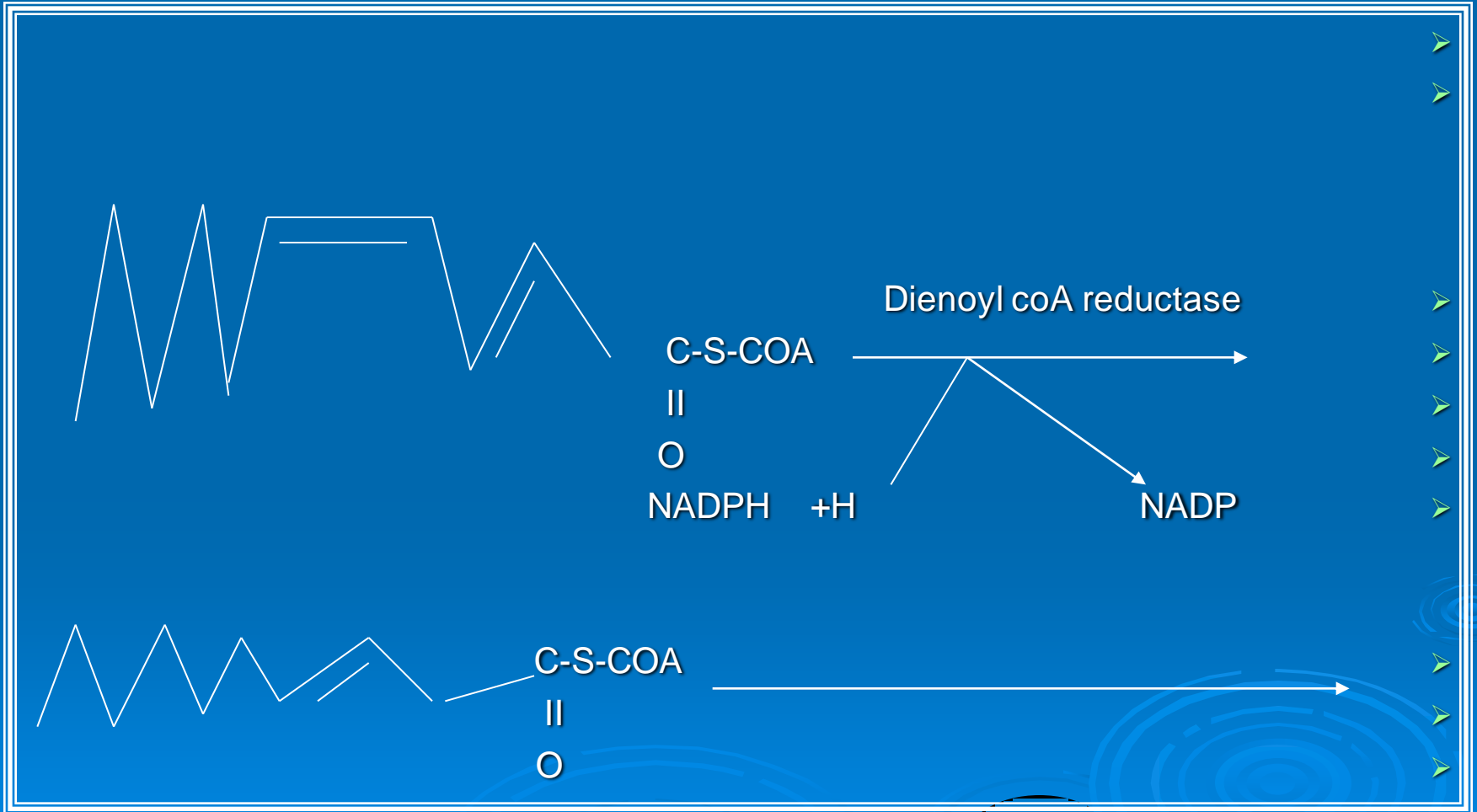
Acyl coA dehydrogenase

One cycle of  $\beta$ -oxidation

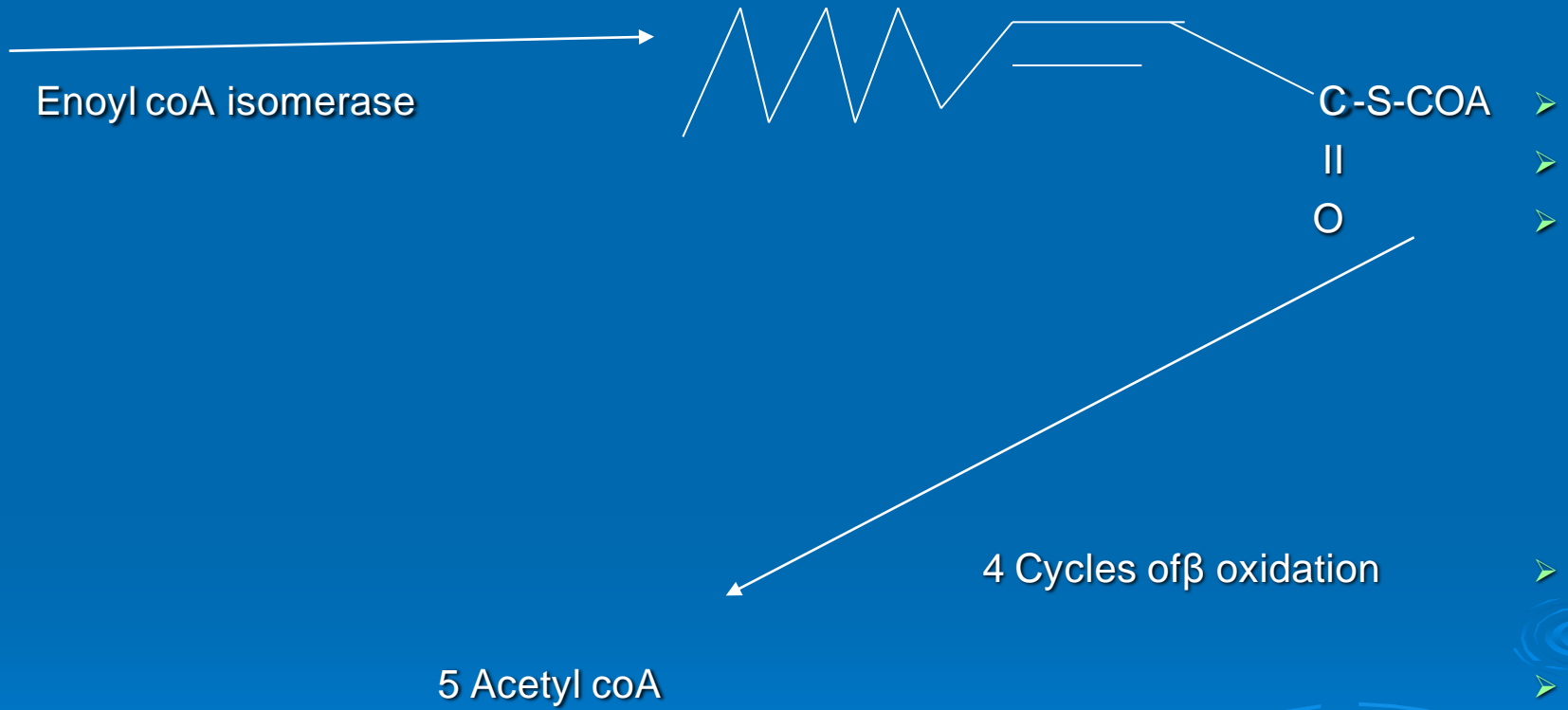
Acetyl coA



# B-OXIDATION

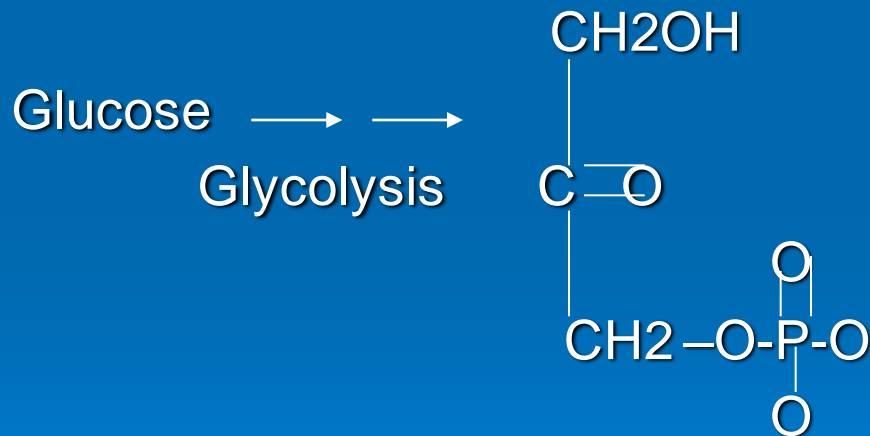


# B -OXIDATION

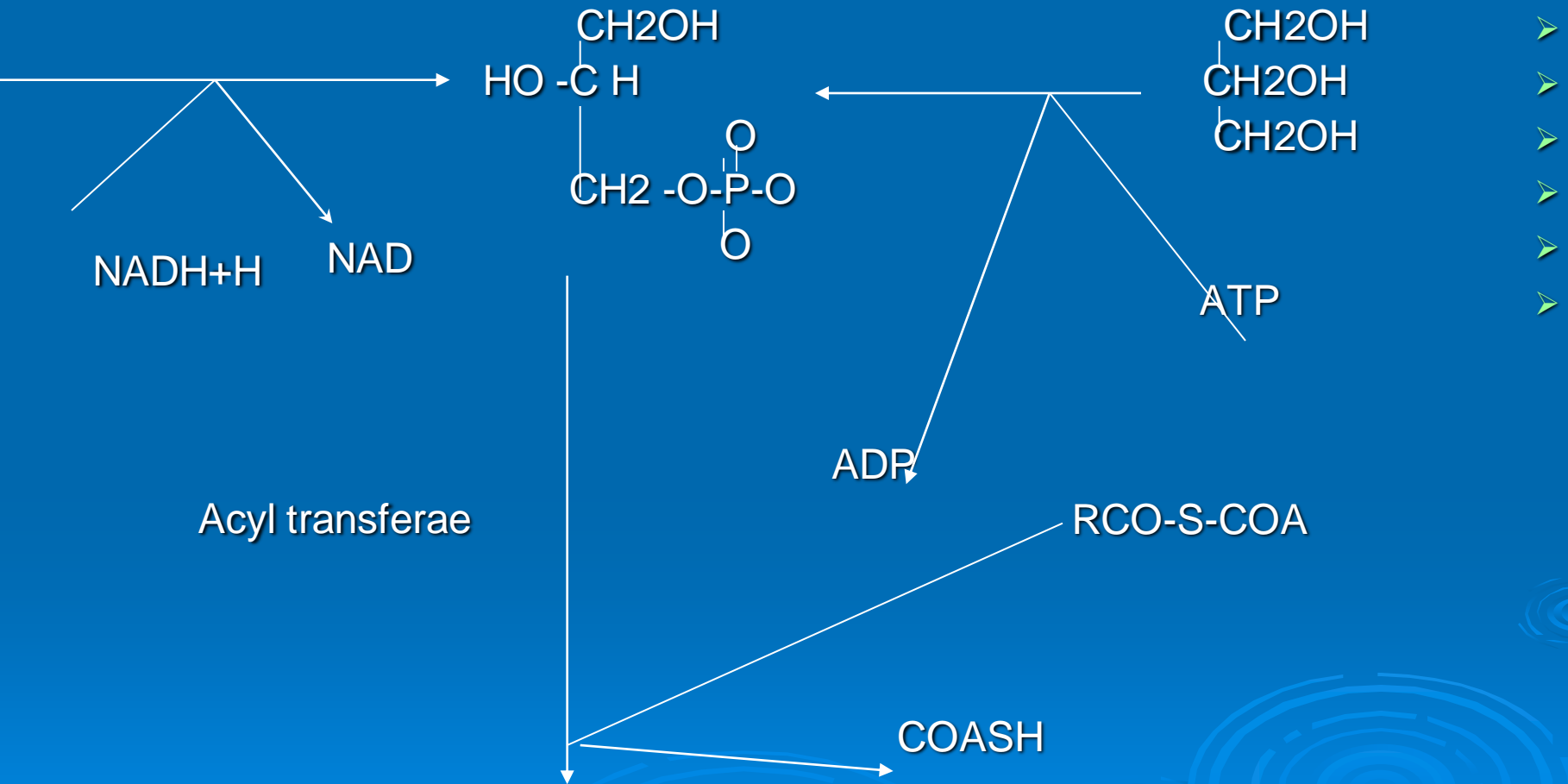


## Metabolism of Triacyl glycerole

Triacylglycerol must be hydrolyzed by lipase enzyme to other constituent which is fatty acid and glycerol before further catabolism

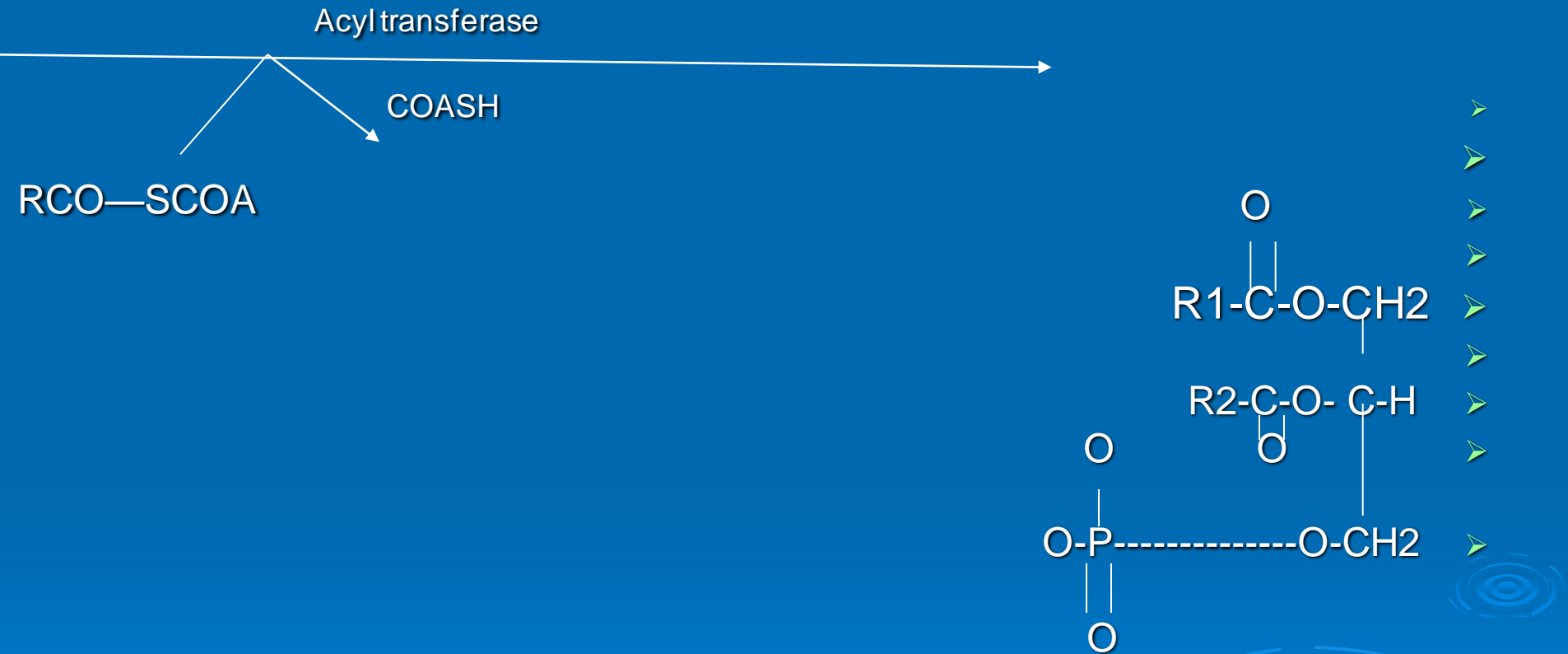


# T.G





# T.G



# T.G



Phosphatidic acid phosphatase



COASH

R<sub>3</sub>CO-SCOA ➤



# T.G

