

# Orbicularis Oculi muscle

Nathaniel Yomogida, SPT

Chloë Kerstein, SPT

## Table of contents

<b>1</b>	<b>OIAN</b>	<b>1</b>
<b>2</b>	<b>Origin</b>	<b>1</b>
<b>3</b>	<b>Insertion</b>	<b>2</b>
<b>4</b>	<b>Innervation</b>	<b>2</b>
<b>5</b>	<b>Action</b>	<b>2</b>
	<b>Clinical Significance</b>	<b>2</b>

## 1 OIAN

Muscle	Origin	Insertion	Nerve	Action
<a href="#">Orbicularis Oculi</a>	Medial orbital margin, medial palpebral ligament, lacrimal bone	Skin around margin of orbit, superior and inferior tarsal plates	<a href="#">Facial Nerve CN VII</a>	Acts as orbital sphincter (closes eyelids): Palpebral portion gently closes, orbital portion tightly closes (winking)

## 2 Origin

Medial orbital margin, medial palpebral ligament, lacrimal bone<sup>1</sup>

### **3 Insertion**

Skin around margin of orbit, superior and inferior tarsal plates<sup>1</sup>

### **4 Innervation**

Facial Nerve CN VII<sup>1</sup>

### **5 Action**

Acts as orbital sphincter (closes eyelids): Palpebral portion gently closes, orbital portion tightly closes (winking)<sup>1</sup>

### **Clinical Significance**

1. Gilroy AM, MacPherson BR, Wikenheiser JC, Voll MM, Wesker K, Schünke M, eds. *Atlas of Anatomy*. 4th ed. Thieme; 2020.