



In order to help you understand the care we have provided; I have prepared this examination report to address the principal features of your eye health and your vision correction requirements.

### **CELLULITIS**

Cellulitis refers to an inflammation or an infection of cellular, or soft tissues, around the face and eyes. When the tissues around the eyes are involved, the eyelids can become very red and swollen. Cellulitis of this extent is usually due to trauma or to infections of adjacent structures such as sinusitis, or an upper respiratory tract infection.

When cellulitis is limited to the tissues around the eye, it is called periorbital cellulitis and is generally treated by cultures and oral antibiotics. Improvement may be aided by the use of hot compresses and may require drainage of fluid or pus accumulations under the skin. It is also possible for cellulitis to extend to deeper tissue.

When cellulitis extends to the deeper tissues that surround the eye, it is called orbital cellulitis and is much more serious. In this case, the eyelids are involved in addition to the infection, affecting the appearance and function of the eye itself. Diagnosis of orbital cellulitis requires rapid treatment, usually by intravenous antibiotics in the hospital. Cultures will be utilized to help identify the involved bacteria. Specialized x-ray testing will also be used to check the full extent of involvement. While this is a serious infection, the use of modern antibiotics and time will most usually restore normal function to the affected tissues.

I hope you have found this report interesting and informative. This personalized report has been motivated by my goal to provide excellence in eye care. I look forward to seeing you for your future eye care needs.