



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





شبكة المعلومات الجامعية



شبكة المعلومات الجامعية

التوثيق الإلكتروني والميكروفيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم



نقسم بـالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد اعدت دون أية تغييرات



يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15 – 20 مئوية ورطوبة نسبية من 20-40 %

To be kept away from dust in dry cool place of
15 – 25c and relative humidity 20-40 %



شبكة المعلومات الجامعية



بعض الوثائق

الأصلية تالفة



شبكة المعلومات الجامعية



بالرسالة صفحات

لم ترد بالأصل

B90..

Recent Methods for Early Diagnosis of Keratoconus

An Essay Submitted by;

Rasha Ezz El-Din Ismail

For partial fulfillment
Of M. Sc. Of Ophthalmology.

Supervised by,

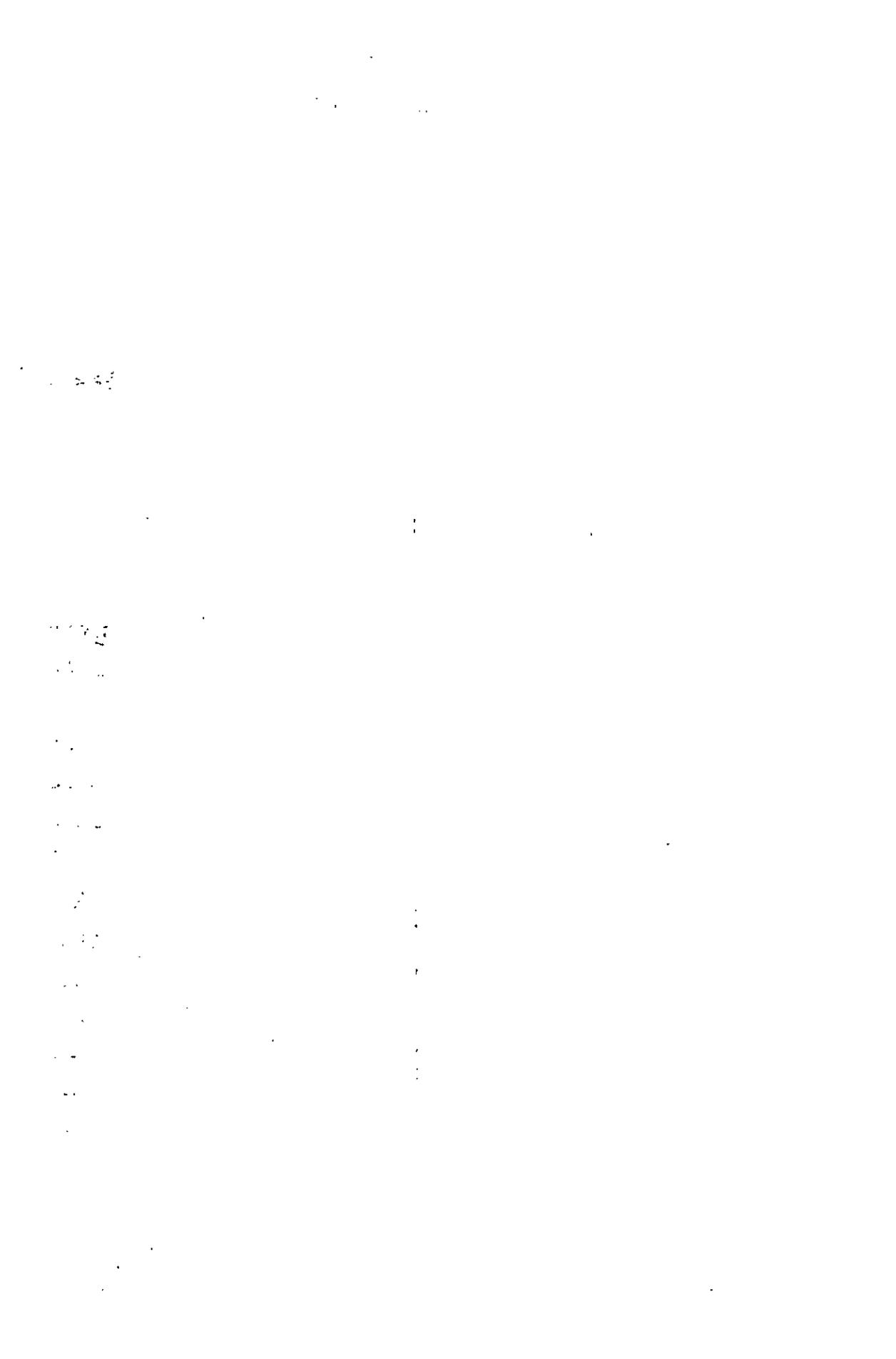
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Cairo University
2000

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



محضر

اجتماع لجنة الحكم على الرسالة المقدمة من
الطبيب / رشاد عز الدين اسماعيل
توظيفة للحصول على درجة الماجستير / للمكتوبة
في طب و أمراض العيون

تحت عنوان : باللغة الانجليزية : Recent Methods for early
Diagnosis of Kerato Conus

: باللغة العربية : الطرق الحديثة لتشخيص البؤبؤ القرنية
المستوية

بناءً على موافقة الجامعة بتاريخ ٢٠١٤ / ٢ / ٢٠١٤ تم تشكيل لجنة الفحص والبيان للرسالة
الذكورة أعلاه على النحو التالي :-

- (١) د. فادي محمود الخديوي عن المشرفين
- (٢) د. عمار عبدالخالق الصواني متحن داخلي
- (٣) د. طارق توفيق ابوالدائم متحن خارجي

بعد فحص الرسالة بواسطة كل عضو منفردا وكتابة تقارير منفردة لكل منهم إتخذت اللجنة مجتمعة في
يوم الاربعاء بتاريخ ٢٠١٤ / ٤ / ٢٠١٤ بنسب مرتبة الدرجة (ب)

بكلية الطب - جامعة القاهرة وذلك لعنافة الطالب في جلسة علنية في موضوع الرسالة والنتائج التي توصل
اليها وكذلك الأمر العملية التي قام عليها البحث .

تزار اللجنة :

تفويجات أعضاء اللجنة :-

المشرف المتحن

المتحن الداخلي

المتحن الخارجي

(ع.ع.ع.)

1. The first part of the document is a list of names and addresses.

The following table shows the names and addresses of the individuals listed in the document. The names are listed in the first column, and the addresses are listed in the second column.

Name	Address
John Doe	123 Main Street, New York, NY 10001
Jane Smith	456 Elm Street, Los Angeles, CA 90001
Robert Johnson	789 Oak Street, Chicago, IL 60601
Mary White	1010 Pine Street, San Francisco, CA 94101
David Brown	1111 Maple Street, Houston, TX 77001
Sarah Green	1212 Cedar Street, Phoenix, AZ 85001
Michael Black	1313 Birch Street, Philadelphia, PA 19101
Laura Grey	1414 Spruce Street, San Diego, CA 92101
James Blue	1515 Willow Street, Dallas, TX 75201
Emily Red	1616 Ash Street, San Jose, CA 95101
Christopher Purple	1717 Hickory Street, Austin, TX 78701
Amanda Yellow	1818 Cypress Street, Fort Worth, TX 76101
Benjamin Orange	1919 Redwood Street, San Antonio, TX 78201
Olivia Pink	2020 Sycamore Street, San Jose, CA 95101
Ethan Green	2121 Dogwood Street, Austin, TX 78701
Sophia Blue	2222 Magnolia Street, San Antonio, TX 78201
Lucas Red	2323 Juniper Street, San Antonio, TX 78201
Isabella Purple	2424 Fir Street, San Antonio, TX 78201
Matthew Yellow	2525 Hemlock Street, San Antonio, TX 78201
Charlotte Orange	2626 Cypress Street, San Antonio, TX 78201
William Pink	2727 Redwood Street, San Antonio, TX 78201
Ava Green	2828 Sycamore Street, San Antonio, TX 78201
Oliver Blue	2929 Dogwood Street, San Antonio, TX 78201
Evelyn Red	3030 Magnolia Street, San Antonio, TX 78201
Robert Purple	3131 Juniper Street, San Antonio, TX 78201
Chloe Yellow	3232 Cypress Street, San Antonio, TX 78201
Benjamin Orange	3333 Redwood Street, San Antonio, TX 78201
Abigail Pink	3434 Sycamore Street, San Antonio, TX 78201
Isaac Green	3535 Dogwood Street, San Antonio, TX 78201
Grace Blue	3636 Magnolia Street, San Antonio, TX 78201
Henry Red	3737 Juniper Street, San Antonio, TX 78201
Victoria Purple	3838 Cypress Street, San Antonio, TX 78201
Samuel Yellow	3939 Redwood Street, San Antonio, TX 78201
Madison Orange	4040 Sycamore Street, San Antonio, TX 78201
David Pink	4141 Dogwood Street, San Antonio, TX 78201
Olivia Green	4242 Magnolia Street, San Antonio, TX 78201
Joseph Blue	4343 Juniper Street, San Antonio, TX 78201
Chloe Red	4444 Cypress Street, San Antonio, TX 78201
Benjamin Purple	4545 Redwood Street, San Antonio, TX 78201
Abigail Yellow	4646 Sycamore Street, San Antonio, TX 78201
Isaac Orange	4747 Dogwood Street, San Antonio, TX 78201
Grace Pink	4848 Magnolia Street, San Antonio, TX 78201
Henry Green	4949 Juniper Street, San Antonio, TX 78201
Victoria Blue	5050 Cypress Street, San Antonio, TX 78201
Samuel Red	5151 Redwood Street, San Antonio, TX 78201
Madison Purple	5252 Sycamore Street, San Antonio, TX 78201
David Yellow	5353 Dogwood Street, San Antonio, TX 78201
Olivia Orange	5454 Magnolia Street, San Antonio, TX 78201
Joseph Pink	5555 Juniper Street, San Antonio, TX 78201
Chloe Green	5656 Cypress Street, San Antonio, TX 78201
Benjamin Blue	5757 Redwood Street, San Antonio, TX 78201
Abigail Red	5858 Sycamore Street, San Antonio, TX 78201
Isaac Purple	5959 Dogwood Street, San Antonio, TX 78201
Grace Yellow	6060 Magnolia Street, San Antonio, TX 78201
Henry Orange	6161 Juniper Street, San Antonio, TX 78201
Victoria Pink	6262 Cypress Street, San Antonio, TX 78201
Samuel Green	6363 Redwood Street, San Antonio, TX 78201
Madison Blue	6464 Sycamore Street, San Antonio, TX 78201
David Purple	6565 Dogwood Street, San Antonio, TX 78201
Olivia Yellow	6666 Magnolia Street, San Antonio, TX 78201
Joseph Orange	6767 Juniper Street, San Antonio, TX 78201
Chloe Pink	6868 Cypress Street, San Antonio, TX 78201
Benjamin Green	6969 Redwood Street, San Antonio, TX 78201
Abigail Blue	7070 Sycamore Street, San Antonio, TX 78201
Isaac Red	7171 Dogwood Street, San Antonio, TX 78201
Grace Purple	7272 Magnolia Street, San Antonio, TX 78201
Henry Yellow	7373 Juniper Street, San Antonio, TX 78201
Victoria Orange	7474 Cypress Street, San Antonio, TX 78201
Samuel Pink	7575 Redwood Street, San Antonio, TX 78201
Madison Green	7676 Sycamore Street, San Antonio, TX 78201
David Blue	7777 Dogwood Street, San Antonio, TX 78201
Olivia Red	7878 Magnolia Street, San Antonio, TX 78201
Joseph Purple	7979 Juniper Street, San Antonio, TX 78201
Chloe Yellow	8080 Cypress Street, San Antonio, TX 78201
Benjamin Orange	8181 Redwood Street, San Antonio, TX 78201
Abigail Pink	8282 Sycamore Street, San Antonio, TX 78201
Isaac Green	8383 Dogwood Street, San Antonio, TX 78201
Grace Blue	8484 Magnolia Street, San Antonio, TX 78201
Henry Red	8585 Juniper Street, San Antonio, TX 78201
Victoria Purple	8686 Cypress Street, San Antonio, TX 78201
Samuel Yellow	8787 Redwood Street, San Antonio, TX 78201
Madison Orange	8888 Sycamore Street, San Antonio, TX 78201
David Pink	8989 Dogwood Street, San Antonio, TX 78201
Olivia Green	9090 Magnolia Street, San Antonio, TX 78201
Joseph Blue	9191 Juniper Street, San Antonio, TX 78201
Chloe Red	9292 Cypress Street, San Antonio, TX 78201
Benjamin Purple	9393 Redwood Street, San Antonio, TX 78201
Abigail Yellow	9494 Magnolia Street, San Antonio, TX 78201
Isaac Orange	9595 Juniper Street, San Antonio, TX 78201
Grace Pink	9696 Cypress Street, San Antonio, TX 78201
Henry Green	9797 Redwood Street, San Antonio, TX 78201
Victoria Blue	9898 Sycamore Street, San Antonio, TX 78201
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Abstract

The cornea is the most important refractive element in the human ocular system, providing approximately two thirds of the eye refractive power in the non-accommodative state.

Refractive errors are by far the commonest cause of defective vision that must be looked for in any patient complaining of inability to see clearly.

Topography is the science of accurate and detailed description of surface features. Its advantage is to detect any early changes on the corneal surface which cannot be detected by using other methods.

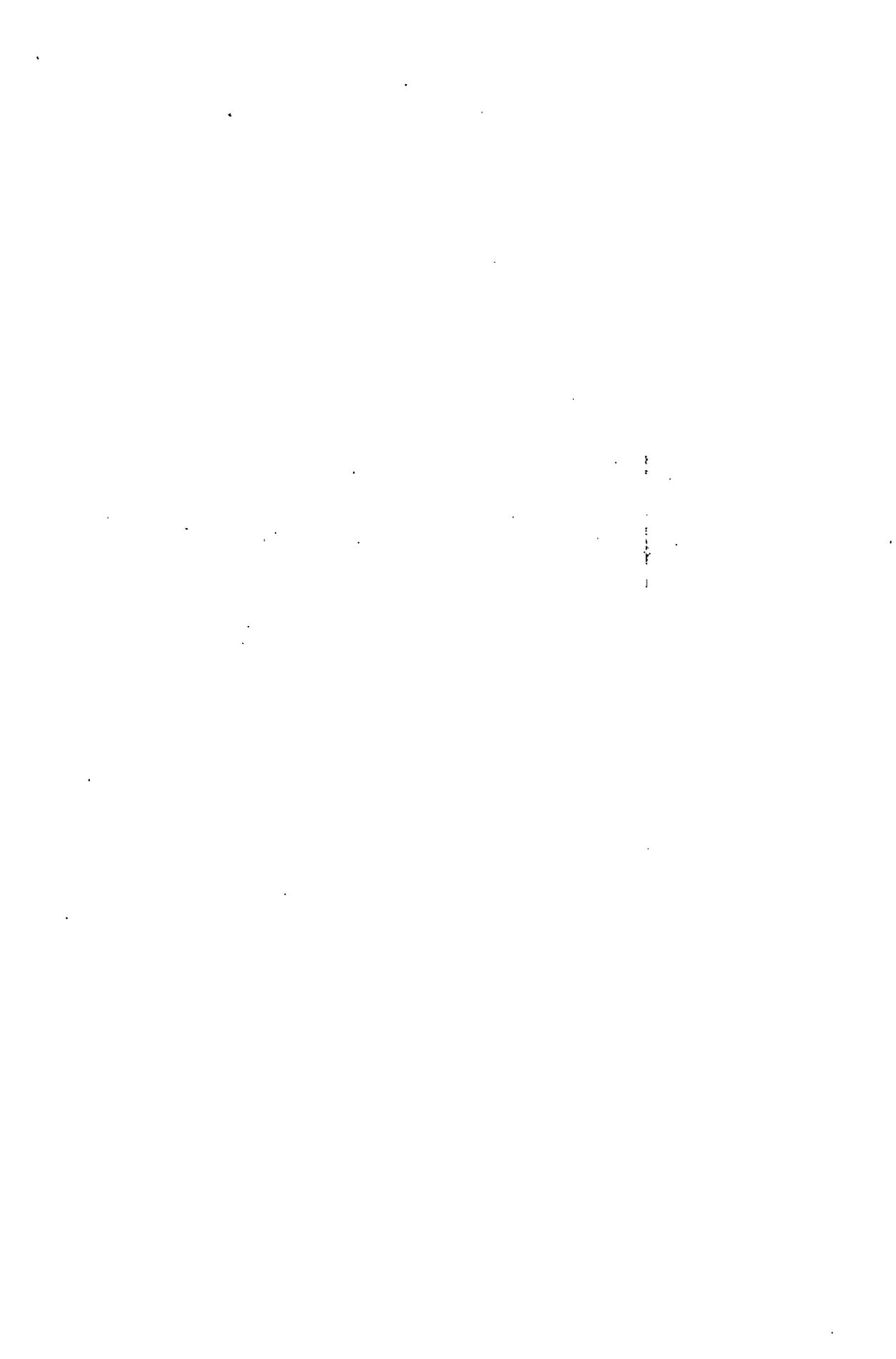
Methods of assessment of corneal topography include: Placido's disc, keratometer, keratoscope, pachymeter and computer-assisted videokeratography.

Computer-assisted videokeratography combines concentric ring keratoscopy with analysis by computer programs to produce a high-resolution representation of corneal topography. Although the color-coded contour map provides a quantitative power at each point, interpretation of the pattern of colors is qualitative.

The clinical utility and the applications of the computer-assisted topography analysis was augmented by availability of quantitative descriptors of corneal topography.

Key Words :

Cornea - Keratometry
Topography



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