

# Do blue-blocking lenses block blue colour from our lives? A randomised controlled study measuring colour vision using the gold standard colour vision test (an anomaloscope) in patients with blue filtering intraocular lenses (tinted yellow)

<b>Submission date</b> 28/09/2007	<b>Recruitment status</b> Stopped	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
<b>Registration date</b> 28/09/2007	<b>Overall study status</b> Stopped	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
<b>Last Edited</b> 27/11/2019	<b>Condition category</b> Eye Diseases	<input type="checkbox"/> Individual participant data
		<input type="checkbox"/> Record updated in last year

**Plain English summary of protocol**  
Not provided at time of registration

## Contact information

**Type(s)**  
Scientific

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## Additional identifiers

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

NCT00403143

**Secondary identifying numbers**

N0515186315

## **Study information**

### **Scientific Title**

Do blue-blocking lenses block blue colour from our lives? A randomised controlled study measuring colour vision using the gold standard colour vision test (an anomaloscope) in patients with blue filtering intraocular lenses (tinted yellow)

### **Study objectives**

To measure colour vision in patients with a blue light filtering lens implant in one eye and a non-tinted implant in the other eye (and compare this group with a control group with bilateral non-tinted implants) and to determine whether blue light filtering lenses limit colour vision in any way.

### **Ethics approval required**

Old ethics approval format

### **Ethics approval(s)**

Not provided at time of registration

### **Study design**

Randomised controlled trial

### **Primary study design**

Interventional

### **Secondary study design**

Randomised controlled trial

### **Study setting(s)**

Hospital

### **Study type(s)**

Treatment

### **Participant information sheet**

### **Health condition(s) or problem(s) studied**

Eye Diseases: Visual sense

### **Interventions**

Blue light filtering lens implant in one eye vs non-tinted implant in the other eye. A paired t-test will be used to analyse the results.

### **Intervention Type**

Other

### **Phase**

Not Applicable

### **Primary outcome measure**

Not provided at time of registration

### **Secondary outcome measures**

Not provided at time of registration

### **Overall study start date**

01/10/2006

### **Completion date**

30/10/2007

## **Eligibility**

### **Key inclusion criteria**

Not provided at time of registration

### **Participant type(s)**

Patient

### **Age group**

Not Specified

### **Sex**

Not Specified

### **Target number of participants**

We aim to recruit 40 participants in total, 20 in each group

### **Key exclusion criteria**

Not provided at time of registration

### **Date of first enrolment**

01/10/2006

### **Date of final enrolment**

30/10/2007

## **Locations**

### **Countries of recruitment**

England

United Kingdom

**Study participating centre**  
**Department of Ophthalmology**  
London  
United Kingdom  
NW10 7NS

## Sponsor information

### Organisation

Record Provided by the NHSTCT Register - 2007 Update - Department of Health (UK)

### Sponsor details

The Department of Health  
Richmond House  
79 Whitehall  
London  
United Kingdom  
SW1A 2NL  
+44 (0)20 7307 2622  
dhmail@doh.gsi.org.uk

### Sponsor type

Government

### Website

<http://www.dh.gov.uk/Home/fs/en>

## Funder(s)

### Funder type

Government

### Funder Name

North West London Hospitals NHS Trust (UK)

## Results and Publications

**Publication and dissemination plan**

Not provided at time of registration

**Intention to publish date****Individual participant data (IPD) sharing plan****IPD sharing plan summary**

Not provided at time of registration