



Leukocoria (“The Glow”) ni reflex ya jicho jekundu isiyo ya kawaida, inayojulikana kwa magonjwa kadhaa hatari ya macho ya utotoni na pia sababu kuu inayoweza kuzuilika ya upofu wa utotoni.

Kwa bahati nzuri, “The Glow” inaweza kutambuliwa kupilia upigaji picha mwelesi, unaowawezesha wazazi kote ulimwenguni kutafuta utambuzi na matibabu katika hatua za awali za magonjwa haya yanayotishia macho na maisha.

## ◎ Maono

Maono yetu ni kutokomeza upofu wa utotoni unaoweza kuzuilika.

## ◎ Misheni

Dhamira yetu ni kuelimisha umma na jamii ya matibabu juu ya jinsi ya kutambua “Mwangaza” na kuchukua hatua kuzuia upofu wa utotoni.



### UKWELI KUHUSU

**T  
HE  
GLOW**

- Hadi mtoto mmoja kati ya 80 ataonyesha “Mwangaza” kabla ya umri wa miaka tisa
- Zaidi ya asilimia 80 ya visa vya Retinoblastoma na Ugonjwa wa Coats hugunduliwa kwanza na mzazi au mwanafamilia kupilia “The Glow”
- Kiashiria kinachowezekana cha shida na magonjwa zaidi ya 30 ya maono, “Mwangaza” inaweza kuwa ishara ya Amblyopia, Ugonjwa wa Coats, Cataract ya Kuzaliwa, Hitilafu ya Refractive, Dysplasia ya Retinal, na Retinoblastoma kati ya wengine

**UKWELI KUHUSU**

**U  
PO  
FU**

- Mahali pengine ulimwenguni, mtoto huwa kipofu kila sekunde 60
- Takriban watoto nusu milioni hupata upofu kila mwaka
- Viwango vya upofu vitaongezeka mara tatu ifikapo mwaka wa 2050 isipokuwa juhudzi za kuzuia hazijaimarishwa
- Upofu nchini Merika ulitabiri kuongezeka maradufu ifikapo 2050
- Asilimia 80 ya upofu wa utotonii unaweza kuzuiliika au kutibika
- Asilimia 75 ya watu wazima ambao ni vipofu nchini Marekani hawana kazi
- Gharama ys kimataifa ya kupoteza uwezo wa kuona inakadiriwa juwa \$3 Triliioni
- Gharama ya kupoteza uwezo wa kuona nchini Marekani ni zaidi ya dola bilioni 139 kila mwaka
- Ulimwenguni kote, watu milioni 39 ni vipofu
- 285 millions de personnes dans le monde sont malvoyantes

## ❶ VÉRIFIER LES PHOTOS, PRENDRE DES PHOTOS

“The Glow” inaonekana katika picha zinazomweka kama doa jeupe, lislo wazi au la manjano kwenye mboni ya jicho, ambalo linaweza kuonyesha mojawapo ya magonjwa na hali zaidi ya 30 tofauti za macho

### Tunawauliza wazazi:

- ❶ **Tafuta “Mwangaza!”** kwa kuangalia picha za zamani au kupiga picha mpya za mtoto wako.
- ❷ **Kagua picha za mtoto wako akitazama** moja kwa moja kwenye kamera kwa kuwa “The Glow” inaweza kuonekana kutoka pembe hii pekee.
- ❸ **Zima kipengele cha kupunguza macho mekundu kwenye kamera yako ili kunasa “The Glow”**
- ❹ **Kuwa macho,** ukiona “Mwangaza” mara moja. KUWA ACTIVE, ukiona mara mbili kwa jicho moja.
- ❺ **Uliza mtaalamu wa macho-daktari wa macho au ophthalmologist-kwa** uchunguzi wa kina wa macho, ikiwa ni pamoja na mtihani wa reflex nyekundu.
- ❻ **Lete picha za mtoto wako zinazoonyesha “Mwangaza”** kwenye miadi ya daktari wa macho.
- ❼ **Tusaidie kueneza neno!** Hasa kwa wazazi wa watoto wadogo!!!

### Kwa sababu hakuna mtoto anayepaswa kuwa kipofu kutokana na ugonjwa wa macho unaozuiliika.

Kwa habari zaidi kuhusu “The Glow,” nenda kwa [www.knowtheglow.org](http://www.knowtheglow.org)

Sources: 10 FACTS ABOUT BLINDNESS AND VISUAL IMPAIRMENT. [http://www.salute.gov.it/imgs/C\\_17\\_pubblicazioni\\_1656\\_ulterioriallegati\\_ulterioreallegato\\_O\\_alleg.pdf](http://www.salute.gov.it/imgs/C_17_pubblicazioni_1656_ulterioriallegati_ulterioreallegato_O_alleg.pdf). 10 little-known facts about blindness. (2015, September 24). <https://www.perkins.org/stories/10-little-known-facts-about-blindness>. April 2010 Issue. <https://retinatoday.com/issues/2010-apr>. Balmer, A., & Munier, F. (2007, December). Differential diagnosis of leukocoria and strabismus, first presenting signs of retinoblastoma. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2704541/>. The Economic Burden of Vision Loss and Eye Disorders in the United States. <https://www.norc.org/Research/Projects/Pages/the-economic-burden-of-vision-loss-and-eye-disorders-in-the-united-states.aspx>. Global Blindness Projected to Triple by 2050. (2018, May 18). <https://www.seeintl.org/global-blindness-2050/>. Hollows, F. (2017, April 21). The five facts about childhood blindness you need to know. <https://medium.com/@FredHollows/the-five-facts-about-childhood-blindness-you-need-to-know-eb8149ecce>. Hollows, F. (2017, April 21). The five facts about childhood blindness you need to know. <https://medium.com/@FredHollows/the-five-facts-about-childhood-blindness-you-need-to-know-eb8149ecce>. Munson, M. C., Plewman, D. L., Baumer, K. M., Henning, R., Zahler, C. T., Kietzman, A. T., ... Shaw, B. F. (2019, October 2). Autonomous early detection of eye disease in childhood photographs. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6774731/>. Myers, C. (2016, November 9). High Rate of Unemployment for the Blind. <https://work.chron.com/high-rate-unemployment-blind-14312.html>. Potential disease detection using photographs in childhood vision screenings. (2016, February 17). <https://knowtheglow.org/research-efforts-focus-on-increased-glow-detection-through-vision-screening/>. Visual impairment, blindness cases in U.S. expected to double by 2050. <https://www.nei.nih.gov/about/news-and-events/news/visual-impairment-blindness-cases-us-expected-double-2050>.

