AB colon; **Ocular** disorders occasionally necessitate surgical intervention that may lead to eye defects. The primary objective in restoring and rehabilitating such defects with an **ocular prosthesis** is to enable patients to cope better with associated psychological stress and to return to their accustomed lifestyle. A series of detailed steps for custom-made **ocular prosthesis** fabrication using the advantages of digital photography to replace the conventional oil paint and monopoly iris painting technique are presented in this article. In the present case, a digital photograph of the patient’s iris was captured using a digital camera and manipulated on a computer using graphic software to produce a replica of the natural iris. The described technique reduces treatment time, increases simplicity, and permits the patient’s natural iris to be replicated without the need for iris painting and special artistic skills. (C) 2015 John Wiley & Sons, Ltd