



ACCUEIL

IRMES

LABORATOIRE SEP

ÉPIDÉMIOLOGIE DE LA PERFORMANCE

L'origine de la déficience visuelle est-elle un facteur de performance chez les sportifs paralympiques

1 DOCUMENT - Publié le 30 août 2022

Is the visual impairment origin a performance factor? Analysis of international-level para swimmers and para athletes

URL of the page: <https://labos-recherche.insep.fr/fr/publications/lorigine-de-la-deficience-visuelle-est-elle-un-facteur-de-performance-chez-les>



Le Toquin et Al 2021

PDF-4.78 Mo

 **TÉLÉCHARGER**

Journal of Sports Sciences

**Bryan Le Toquin, Julien Schipman, Quentin De Laroche Lambert,
Guillaume Saulière, Stephanie Duncombe & Jean-François Toussaint**

ABSTRACT : The aim of this study was to investigate the effect of congenital and acquired visual impairments on the international performance of Para swimmers and Para track and field athletes. We collected results from visually impaired Para athletes competing in Para swimming or Para athletic events at all IPC-labelled competitions between 2009 and 2019. The dataset contained 20,689 events results. Impairment origin was collected from the International Paralympic Committee (IPC) website. We separated impairment origin into two groups to distinguish those with a congenital impairment from those with an acquired impairment. In visual impairment sport classes (11–12-13), the performance level and the age performance relationship were investigated according to the impairment origin. In classes 11 and 12, peak performance was achieved earlier by male and female swimmers with a congenital impairment compared with those who had an acquired impairment ($p < 0.05$). No differences were present in class 13 or in any class in Para athletics ($p > 0.05$). A similar performance level was observed among the two sport disciplines for each class ($p > 0.05$). This study demonstrated that impairment origin can influence the performance pathway among visually impaired swimmers.

[PRÉCÉDENT](#)

[RETOUR À LA LISTE](#)

[SUIVANT](#)


MINISTÈRE
DES SPORTS
ET DES JEUX OLYMPIQUES
ET PARALYMPIQUES
Jeux
Olympiques
Canada



[> ACCÈS](#)

[> ACCESSIBILITÉ](#)

URL of the page: <https://labos-recherche.insep.fr/fr/publications/lorigine-de-la-deficience-visuelle-est-elle-un-facteur-de-performance-chez-les>

- > MENTIONS LÉGALES
- > CGU
- > CARRIÈRE

SUIVEZ-NOUS



Ce site utilise des cookies et vous donne le contrôle sur ce que vous souhaitez activer

✓ OK, tout accepter

✗ Interdire tous les cookies

Personnaliser