



Human cryptosporidiosis in immunodeficient patients in France (2015-2017)

Submitted by Beatrice Guillaumat on Mon, 11/26/2018 - 10:52

Titre	Human cryptosporidiosis in immunodeficient patients in France (2015-2017)
Type de publication	Article de revue
Auteur	Costa, Damien [1], Razakandrainibe, Romy [2], Sautour, Marc [3], Valot, Stéphane [4], Basmaciyani, Louise [5], Gargala, Gilles [6], Lemeteil, Denis [7], Favennec, Loïc [8], Dalle, Frédéric [9], Le Govic, Yohann [10]
Organisme	French national network on surveillance of human Cryptosporidiosis [11]
Editeur	Elsevier
Type	Article scientifique dans une revue à comité de lecture
Année	2018
Langue	Anglais
Date	Septembre 2018
Pagination	108-112
Volume	192
Titre de la revue	Experimental Parasitology
ISSN	1090-2449
Mots-clés	Adolescent [12], Adult [13], Aged [14], Child [15], Child, Preschool [16], Cryptosporidiosis [17], Cyclosporine [18], Female [19], France [20], Humans [21], Immunocompromised Host [22], Immunosuppression [23], Immunosuppressive Agents [24], Immunotherapy [25], Infant [26], Infant, Newborn [27], Male [28], Middle Aged [29], Mycophenolic Acid [30], Risk Factors [31], Tacrolimus [32], Young Adult [33]
Résumé en anglais	Cryptosporidiosis is a common disease in children and immunodeficient individuals. In 2006, a national network was set up on the surveillance of human cryptosporidiosis in France. Since January 2015, the 41 tertiary care hospitals and the 3 private laboratories of the French National Network on the surveillance of human cryptosporidiosis have been able to declare confirmed cases of cryptosporidiosis online. Between 2015 and 2017, 210 cases of cryptosporidiosis were declared in immunodeficient patients in France; <i>Cryptosporidium parvum</i> and <i>Cryptosporidium hominis</i> represented 66% and 22% of cases, respectively. A peak was observed in autumn. Cryptosporidiosis occurred mainly in a context of solid organ transplantation (SOT) (49%) and of HIV infection (30%). In SOT recipients, cryptosporidiosis appeared more frequently in the first 6 months post transplantation. Regarding cases declared in SOT recipients, mycophenolate mofetil was used in 68%. A mortality rate of 6% was observed. Present results underline the importance of screening for cryptosporidiosis in immunocompromised patients suffering from diarrhea, especially in the course of major cell mediated immunodeficiency or even systematic screening before SOT. Exclusive <i>Cryptosporidium</i> free water feeding could be suggested during major cell mediated immunodeficiency.
URL de la notice	http://okina.univ-angers.fr/publications/ua18160 [34]
DOI	10.1016/j.exppara.2018.08.001 [35]

Lien vers le document <https://www.sciencedirect.com/science/article/pii/S0014489418301103?via%...> [36]

Titre abrégé Exp. Parasitol.

Identifiant (ID) 30107154 [37]

PubMed

Liens

- [1] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=30908>
- [2] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=30909>
- [3] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=30910>
- [4] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=30806>
- [5] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=30911>
- [6] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=8166>
- [7] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=30912>
- [8] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=7836>
- [9] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=30813>
- [10] <http://okina.univ-angers.fr/user/9916/publications>
- [11] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=30913>
- [12] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=1214>
- [13] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=1002>
- [14] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=1072>
- [15] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=1216>
- [16] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=1534>
- [17] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=26162>
- [18] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=1596>
- [19] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=1075>
- [20] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=1334>
- [21] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=991>
- [22] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=10148>
- [23] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=7702>
- [24] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=16301>
- [25] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=26124>
- [26] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=3233>
- [27] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=3235>
- [28] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=968>
- [29] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=5941>
- [30] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=26163>
- [31] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=6041>
- [32] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=16304>
- [33] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=6036>
- [34] <http://okina.univ-angers.fr/publications/ua18160>
- [35] <http://dx.doi.org/10.1016/j.exppara.2018.08.001>
- [36] <https://www.sciencedirect.com/science/article/pii/S0014489418301103?via%3Dihub>
- [37] <http://www.ncbi.nlm.nih.gov/pubmed/30107154?dopt=Abstract>

Publié sur *Okina* (<http://okina.univ-angers.fr>)