



Radiological Procedures For Pediatric Patients With Down Syndrome

Hissa Mohammed

National Centre of Cancer Care and Research, Qatar

Abstract: Down syndrome is a condition of the chromosomes that is caused when an error occurs during cell division creating an extra chromosome 21 (Gardiner et al., 2010). People with Down syndrome especially pediatric patients may develop several health conditions that may require to be diagnosed through imaging (Bull, 2011). Purpose this research was used to identify environmentally friendly methods for pediatric patients with Down syndrome. These methods are aimed at reducing the radiation dose for a patient during a radiological procedure. Additionally, the methods should be able to provide the best quality images to improve diagnosis and hasten recovery.

Biography: Hissa has completed her Master degree in medical imaging at the age of 33 years from Aberdeen University. She is the Radiology supervisor in Communicable disease Centre, member of HMC. She has published 1 paper in online OMICS Journal of Radiology and member of Quality team in CDC.



Publications:

1. Gadow, K.D., et al., Risperidone added to parent training and stimulant medication: effects on attention-deficit/hyperactivity disorder, oppositional defiant disorder, conduct disorder, and peer aggression. *Journal of the American Academy of Child & Adolescent Psychiatry*, 2014. 53(9): p. 948-959. e1.
2. Gallo, E.F. and J. Posner, Moving towards causality in attention-deficit hyperactivity disorder: overview of neural and genetic mechanisms. *Lancet Psychiatry*, 2016. 3(6): p. 555-67.
3. Cortese, S., et al., Practitioner review: current best practice in the management of adverse events during treatment with ADHD medications in children and adolescents. *Journal of Child Psychology and Psychiatry*, 2013.

[24th Annual Congress on Pediatrics & Neonatology, June 08-09, 2020](#)

Abstract Citation : Hissa Mohammed, [Radiological Procedures For Pediatric Patients With Down Syndrome, PEDIATRIC CARE 2020, 24th Annual Congress on Pediatrics & Neonatology, June 08-09, 2020](#)