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**Caption:** Autism. Coloured positron emission tomography (PET) scan of the brain of a 4 year old with autism. The colours show different levels of activity within the brain. Red shows high activity, through yellow and green to black (very low activity).

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**Atoms**

- i** Highlights from this issue  
*Howard Bauchner*

**Editorial**

- 409** A hole in the heart: a hole in the head?  
*F J Kirkham, A P Salmon, S Khambadkone*

**Leading article**

- 411** Temporary brittle bone disease versus suspected non-accidental skeletal injury  
*A Sprigg*

**Original articles**

- 414** Clinical decision rules for children with minor head injury: a systematic review  
*A Pickering, S Harman, P Fitzgerald, A Pandor, S Goodacre*

- 422** Detection of child abuse in emergency departments: a multi-centre study  
*E C F M Louwers, I J Korfage, M J Affourtit, D J H Scheewe, M H van de Merwe, F A F S R Vooijs-Moulaert, C M C Woltering, M H T M Jongejan, M Ruige, H A Moll, H J De Koning*

- 426** Outcome of goal-directed non-invasive ventilation and mechanical insufflation/exsufflation in spinal muscular atrophy type I  
*M Chatwin, A Bush, A K Simonds*

- 433** Withdrawing feeds from children on long term enteral feeding: factors associated with success and failure  
*C M Wright, K H Smith, J Morrison*

- 440** Markers for bacterial infection in children with fever without source  
*S Manzano, B Bailey, A Gervaix, J Cousineau, E Delvin, J-B Girodias*

- 447** A cross-sectional study of vitamin D and insulin resistance in children  
*A Kelly, L J Brooks, S Dougherty, D C Carlow, B S Zemel*

- 453** Congenital and neonatal varicella: impact of the national varicella vaccination programme in Australia  
*G Khandaker, H Marshall, E Peadon, Y Zurynski, D Burgner, J Buttery, M Gold, M Nissen, E J Elliott, M Burgess, R Booy*

- 457** Effects of an educational video film in fatigued children and adolescents: a randomised controlled trial  
*R J Bakker, E M van de Putte, W Kuis, G Sinnema*

- 461** A right-to-left shunt in children with arterial ischaemic stroke  
*M Perkočič-Benedik, M Zalezel, N Pečarič-Meglič, T Podnar*

- 468** An objective study of acid reflux and cough in children using an ambulatory pHmetry-cough logger  
*A B Chang, F L Connor, H L Petsky, M M Eastburn, P J Lewindon, C Hall, S J Wilson, P H Katelaris*

**Short report**

- 473** Autism spectrum disorder diagnostic assessments: improvements since publication of the National Autism Plan for Children  
*E Palmer, C Ketteridge, J R Parr, G Baird, A Le Couteur*



**Case report**

- 476** Recurrent laryngeal papillomatosis: successful treatment with human papillomavirus vaccination  
*P Mudry, M Vavrina, P Mazanek, M Machalova, J Litzman, J Sterba*

**Global child health**

- 478** Adolescent female sex workers: invisibility, violence and HIV  
*J G Silverman*

**MORE CONTENTS ►**



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**Reviews**

- 482** Update on the causes, investigation and management of empyema in childhood  
*W Walker, R Wheeler, J Legg*
- 489** Paediatric prescribing errors  
*T Davis*
- 492** Immunisation of adolescents in the UK  
*A R Kale, M D Snape*

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**Miscellanea**

- 452** Archivist: Nail shedding related to hand, foot and mouth disease
- 467** Archivist: Anakinra for systemic juvenile idiopathic arthritis
- 475** Images in paediatrics: An unusual enlarged thymus
- 495** Retraction
- 496** Lucina