

Data supplement

Box DS1 Some of the reported presentations of Munchausen's syndrome

- Abscesses (Tunbridge, 1969)
- Alcohol misuse (Caradoc-Davies, 1988)
- Amnesia (Jones & Horrocks, 1987; Sussman *et al*, 1987)
- Ataxia (Fraim & Peters, 1979)
- Back pain (Ireland *et al*, 1967)
- Bacteraemia (Galanos *et al*, 2003)
- Cessation of menstruation (D'Souza *et al*, 1977)
- Depression (Ben-Torim, 1978)
- Dysarthria (Sussman *et al*, 1987)
- Fainting (Clarke & Melnick, 1958; Folger *et al*, 1981)
- Fever (Petersdorf & Bennett, 1957; Thompson *et al*, 1964; Rumans & Vosti, 1978; Aduan *et al*, 1979)
- Haemoptysis (Feinsilver *et al*, 1983; O'Shea *et al*, 1984; Bjornson & Kirk, 2001)
- Hemiparesis (Henderson *et al*, 1983; Will & Miller, 1992)
- Hypotension and baroreflex failure (Tellioglu *et al*, 2000)
- Medical disorder mimicking Munchausen's syndrome (Lidz *et al*, 1949; Brecker & Trepte, 1990)
- Meningoencephalitis (Sussman *et al*, 1987)
- Open wounds (Ciak *et al*, 1981)
- Panniculitis (Tausche *et al*, 2004)
- Post-traumatic stress disorder (Geraciotti *et al*, 1987)
- Seizures (Ries, 1980; Jones & Horrocks, 1987; Bauer & Boegner, 1996)
- Shoulder instability (Warren, 2001; Barton & Williams, 2003)
- Surgical emphysema (Polat *et al*, 2002)
- Thought disorder (Cheng & Hummel, 1978)
- Torsion dystonia (Batshaw *et al*, 1985)
- Tremor (Sussman *et al*, 1987)
- Unstable angina (Mehta *et al*, 2001)
- Urinary retention (Hermieu *et al*, 2002)

Box DS2 Suggested aetiological themes and predisposing factors

- Parental neglect/abuse (Cheng & Hummel, 1978)
- Early preoccupations with health (Reich & Gottfried, 1983)
- Separation anxiety (O'Shea *et al*, 1982)
- Early experience of protracted illness/admissions (American Psychiatric Association, 2002; Feldman *et al*, 1994)
- Previous occupation associated with the medical profession (Hustead *et al*, 1982; Reich & Gottfried, 1983)
- Organic brain disorder (Asher, 1951; Bursten, 1965; Ireland *et al*, 1967; Fenelon *et al*, 1991; Lawrie *et al*, 1993)
- Psychological predisposition or psychiatric illness (Cheng & Hummel, 1978; Wimberley, 1981; Janofsky, 1986; Pankratz & Lezak, 1987)
- Sociopathic personality traits and personality disorders (Barker, 1962; Ireland *et al*, 1967; Philips *et al*, 1983; Reich & Gottfried, 1983; Bhugra, 1988; Powell & Boast, 1993)
- Medical disorder mimicking Munchausen's syndrome (Lidz *et al*, 1949; Brecker & Trepte, 1990)

References

American Psychiatric Association (2002) *Diagnostic and Statistical Manual of Mental Disorders* (4th edn) (DSM-IV). APA.

Aduan, R. P., Fauci, A. S., Dale, D. C., *et al* (1979) Factitious fever and self-induced infection: a report of 32 cases and review of the literature. *Annals of Internal Medicine*, **90**, 230–242.

Asher, R. (1951) Munchausen's syndrome. *Lancet*, **1**, 339–341.

Barker, J. C. (1962) The syndrome of hospital addiction. (Munchausen syndrome): a report on the investigation of seven cases. *Journal of Mental Science*, **108**, 167–182.

Barton, C. R. & Williams, R. L. (2003) Orthopaedic variant of Munchausen's syndrome: shoulder instability. *Injury*, **34**, 471.

Batshaw, M. L., Wachtel, R. C., Deckel, A. W., *et al* (1985) Munchausen's syndrome simulating torsion dystonia. *New England Journal of Medicine*, **312**, 1437–1439.

Bauer, M. & Boegner, F. (1996) Neurological syndromes in factitious disorder. *Journal of Nervous and Mental Disorder*, **184**, 281–288.

Ben-Torim, D. I. (1978) The psychiatric munchausen. *Postgraduate Medical Journal*, **54**, 818–820.

Bhugra, D. (1988) Psychiatric Munchausen's syndrome. Literature review with case reports. *Acta Psychiatrica Scandinavica*, **77**, 497–503.

Bjornson, C. L. & Kirk, V. G. (2001) Munchausen's syndrome presenting as hemoptysis in a 12-year-old girl. *Canadian Respiratory Journal*, **8**, 439–442.

Brecker, S. J. & Trepte, N. J. (1990) Myxoedematous Munchausen? *Lancet*, **335**, 231.

Bursten, B. (1965) On Munchausen's syndrome. *Archives of General Psychiatry*, **13**, 261–268.

Caradoc-Davies, G. (1988) Feigned alcohol abuse. A unique case report. *British Journal of Psychiatry*, **152**, 418–420.

Cheng, L. & Hummel, L. (1978) The Munchausen syndrome as a psychiatric condition. *British Journal of Psychiatry*, **133**, 20–21.

- Ciak, C., Frederick, W. R. & Glew, R. H. (1981) Another Munchausen's patient. *New England Journal of Medicine*, **305**, 289.
- Clarke, E. & Melnick, S. C. (1958) The Munchausen syndrome or the problem of hospital hoboos. *American Journal of Medicine*, **25**, 6–12.
- D'Souza, D. A., Bharucha, M. P. & Shah, M. V. (1977) Munchausen's syndrome (a case report with a review of the literature). *Journal of Postgraduate Medicine*, **23**, 95–8.
- Feinsilver, S. J., Raffin, T. A., Kornei, M. C., et al (1983) Factitious hemoptysis. The case of the red towel. *Archives of Internal Medicine*, **143**, 567–568.
- Feldman, M. D., Ford, C. V. & Reinhold, T. (1994) *Patient or Pretender: Inside the Strange World of Factitious Disorders. 'Discovery, Confrontation, Treatment'*. John Wiley & Sons.
- Fenelon, G., Mahieux, F., Rouillet, E., et al (1991) Munchausen's syndrome and abnormalities on magnetic resonance imaging of the brain. *BMJ*, **302**, 996–997.
- Folger, W. N., Lipton, R. B., Rovner, R., et al (1981) Neurologic Munchausen syndrome. *Neurology*, **31**, 638–639.
- Fraim, C. J. & Peters, B. H. (1979) Munchausen syndrome. *Annals of Neurology*, **6**, 138.
- Galanos, J., Perera, S., Smith, H., et al (2003) Bacteremia due to three *Bacillus* species in a case of Munchausen's syndrome. *Journal of Clinical Microbiology*, **41**, 2247–2248.
- Geraciotti, T. D., Van Dyke, C., Mueller, J., et al (1987) The onset of Munchausen's syndrome. *General Hospital Psychiatry*, **9**, 405–409.
- Henderson, L. M., Bell, B. A. & Miller, J. D. (1983) A neurosurgical Munchausen tale. *Journal of Neurology, Neurosurgery, and Psychiatry*, **46**, 437–439.
- Hermieu, J. F., Lefrancois, A. M., Gaudillat, C., et al (2002) Le syndrome de Münchausen, un diagnostic à ne pas oublier en urologie [The Munchausen syndrome: a diagnosis not to be forgotten in urology]. *La Presse Médicale*, **31**, 119–121.
- Hustead, R. M., Lee, R. A. & Maruta, T. (1982) Factitious illness in gynecology. *Obstetrics and Gynecology*, **59**, 214–219.
- Ireland, P., Sapira, J. D. & Templeton, B. (1967) Munchausen's syndrome. Review and report of an additional case. *American Journal of Medicine*, **43**, 579–592.
- Janofsky, J. S. (1986) Munchausen syndrome in a mother and daughter: an unusual presentation of folie à deux. *Journal of Nervous and Mental Disorder*, **174**, 368–370.
- Jones, J. R. & Horrocks, F. A. (1987) Fictitious epilepsy associated with amnesia. *British Journal of Psychiatry*, **150**, 257–258.
- Lawrie, S. M., Goodwin, G. & Masterton, G. (1993) Munchausen's syndrome and organic brain disorder. *British Journal of Psychiatry*, **162**, 545–549.
- Lidz, T., Miller, J. M., Padget, P., et al (1949) Muscular atrophy and pseudologia fantastica associated with islet cell adenoma of the pancreas. *Archives of Neurology and Psychiatry*, **2**, 304–313.
- Mehta, N. J., I. A. Khean, Mehta, R., et al (2001) Munchausen's syndrome in cardiology practice. *Chest*, **120**, 142s.
- O'Shea, B., McGennis, A., Cahill, M. & Falvey, J. (1984) Munchausen's syndrome. *British Journal of Hospital Medicine*, **31**, 269–274.
- O'Shea, B. M., McGennis, A. J., Lowe, N. F., et al (1982) Psychiatric evaluation of a Munchausen's syndrome. *Irish Medical Journal*, **75**, 200–202.
- Pankratz, L. & Lezak, M. D. (1987) Cerebral dysfunction in the Munchausen syndrome. *Hillside Journal of Clinical Psychiatry*, **9**, 195–206.
- Petersdorf, R. G. & Bennett, I. L. (1957) [Factitious fever.] *Annals of Internal Medicine*, **46**, 1039–1062.
- Philips, M. R., Ward, N. G. & Ries, R. K. (1983) Factitious mourning: painless patienthood. *American Journal of Psychiatry*, **140**, 420–425.
- Polat, A., Kulaksizoglu, I. B. & Vatansever, S. (2002) An adolescent in Istanbul with Munchausen's syndrome. *International Journal of Psychiatry in Medicine*, **32**, 311–315.
- Powell, R. & Boast, N. (1993) The million dollar man. Resource implications for chronic Munchausen's syndrome. *British Journal of Psychiatry*, **162**, 253–256.
- Reich, P. & Gottfried, L. A. (1983) Factitious disorders in a teaching hospital. *Annals of Internal Medicine*, **99**, 240–247.
- Ries, R. K. (1980) DSM-III differential diagnosis of Munchausen's syndrome. *Journal of Nervous and Mental Disorder*, **168**, 629–632.
- Rumans, L. W. & Vosti, K. L. (1978) Factitious and fraudulent fever. *American Journal of Medicine*, **65**, 745–755.
- Sussman, N., Borod, J. C., Cancelmo, J. A., et al (1987) Munchausen's syndrome: a reconceptualization of the disorder. *Journal of Nervous and Mental Disorder*, **175**, 692–695.
- Tausche, A. K., Hansel, S., Tausche, K., et al (2004) Case number 31: Nodular panniculitis as expression of Munchausen's syndrome (panniculitis artefacta). *Annals of Rheumatic Disorder*, **63**, 1195–1196.
- Tellioglu, T., Oates, J. A. & Biaggioni, I. (2000) Munchausen's syndrome presenting as baroreflex failure. *New England Journal of Medicine*, **343**, 581.
- Thompson, G. W., Shuster, J., Williams, R. L., et al (1964) Munchausen syndrome: a cause of pyrexia of unknown origin. *Canadian Medical Association Journal*, **91**, 1021–1023.
- Tunbridge, W. M. (1969) Munchausen syndrome. *New England Journal of Medicine*, **280**, 1130–1131.
- Warren, N. P. (2001) Orthopaedic variant of Munchausen's syndrome: shoulder instability. *Injury*, **32**, 801–802.
- Will, R. G. & Miller, J. D. (1992) A neurosurgical Munchausen revisited. *Journal of Neurology, Neurosurgery, and Psychiatry*, **55**, 737.
- Wimberley, T. (1981) The making of a Munchausen. *British Journal of Medical Psychology*, **54**, 121–129.