

Health Assessment:

- Oberleitner, RM, Ball, J EdD, Gillette, D EdM, Naseef, R PhD, Stamm, B.H. Journal of Aggression, Maltreatment and Trauma; Innovative Trends in Trauma Treatment Techniques. Technologies to Lessen the Distress of Autism, Binghamton: Haworth – April, 2005
Abstract: This article explores aspects of autism that make it a potential traumatic stressor for family members, and may put them at risk for Posttraumatic Stress Disorder (PTSD) and/or its sub-syndromal variants. It also surveys current trends in autism, including the growing number of families affected by autism.
- Oberleitner, R, Laxminarayan S, Information Technology and Behavioral Medicine: Impact on Autism Treatment & Research, Medical and Care Compunetics, IOS Press, June, 2004
Abstract: The rising incidence of autism with limited professional resources has led to more consideration for using information technology and related specialties to link families and professionals, and to implement strategies which implement information technology to improve the outcomes for individuals with autism and their families. These are reviewed in context of the unique health, education, and the research issues facing those dealing with autism.
- Demir, S., Oberleitner, Talking to the Autism Community, IEEE Engineering in Medicine and Biology Magazine, Jan/Feb 2005
Excerpt: With an identifiable network now created, we are now focused on developing a telehealth service and data management platform to help families communicate health and behavioral issues remotely, while providing better health and educational data to accelerate research.
- Oberleitner, R, Wurtz, R, Popovich, M, Moncher, T, Laxminarayan S, Reischl, U, Health Informatics: A Roadmap for Autism Knowledge Sharing, Medical and Care Compunetics - 2, ed: Bos, Laxminarayan, Marsh, June 2005
Abstract: This paper outlines recommended principles and approaches for utilizing state-of-the-art information systems technology and population-based registries to facilitate collection, analysis, and reporting of autism patient data. Such a platform will increase treatment options and registry information to facilitate diagnosis, treatment, and research of this disorder.
- Oberleitner, R, Reischl, U, Lacy, T, Goodwin, M, Spitalnick, J, Emerging Use of Behavior Imaging for Autism, Commun Med Care Compunetics, Springer-Verlag Berlin Heidelberg, December 2010
Abstract: Commercially available “behavior imaging” technology is effectively assisting the diagnosis and management of children with neurodevelopmental disorders, including autism. This technology offers a unique way of capturing behavior data in natural environments on video clips, and is complemented by a comprehensive information storage and retrieval platform.
- Reischl, U., Oberleitner, R., Development of a Telemedicine Platform for the Management of Children with Autism, Zeitschrift für Nachwuchswissenschaftler (German Journal for Young Researchers) 2009/1(1)
Abstract: Development of a new video capture and personal electronic health record platform has been undertaken which will allow autism families to document their child’s abnormal behavior and share this information confidentially with remotely located healthcare

providers who can then provide each family with guidance regarding their child's behaviors and health condition.