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## **Supplementary Appendix (SA)**

## SA. Figure 1. Criterion Level Mapping *DSM-IV-TR* Autistic Disorder to *DSM-5* Autism Spectrum Disorder Diagnostic Criteria

DSM-IV-TR Autistic Disorder	DSM-5 Autism Spectrum Disorder (ASD)
1a. Marked impairment in the use of multiple nonverbal behaviors such as eyeto-eye gaze, facial expression, body postures and gestures to regulate social interaction	
1b. Failure to develop peer relationships appropriate to developmental level	A3. Deficits in developing, maintaining, and understanding relationships
1c. A lack of spontaneous seeking to share enjoyment, interests, or achievements with other people	
1d. Lack of social or emotional reciprocity	A1. Deficits in social-emotional reciprocity
2a. Delay in, or total lack of, the development spoken language (without nonverbal compensation)	Associated Feature, Language. Delay in Expressive or Receptive Language
2b. In individuals with adequate speech, marked impairment in the ability to initiate of sustain a conversation with others	A1. Deficits in social-emotional reciprocity
2c. Stereotyped and repetitive use of language or idiosyncratic language	B1. Stereotyped or repetitive motor movements, use of objects, or speech
2d. Lack of varied, spontaneous make-believ play or social imitative play appropriate to developmental level	
3a. Encompassing preoccupation with one of more stereotyped and restricted patterns of interest that is abnormal either in intensity of focus.	B3. Highly restricted, fixated interests that
3b. Apparently inflexible adherence to specific nonfunctional routines or rituals	B2. Insistence on sameness, inflexible adherence to routines, or ritualized patterns of verbal or nonverbal behavior
3c. Stereotyped and repetitive motor mannerisms	B1. Stereotyped or repetitive motor movements, use of objects, or speech
3d. Persistent preoccupation with parts of objects	B3. Highly restricted, fixated interests that are abnormal in intensity or focus
Associated Feature, Sensory. Odd responses a sensory stimuli	B4. Hyper- or hyporeactivty to sensory input or unusal interest in sensory aspects of the environment

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SA. Table 1. Extract of *DSM-5* Criteria, Exemplars, and Associated Features from the Autism and Developmental Disabilities Monitoring (ADDM) Network Clinician Review Manual for Surveillance Year 2016.

[See separate document]