

## Program Overview

Time	Session Title/Topic	Session-Specific Learning Objectives
		By the end of the session, participants will be able to:
<b>16:00-16:10 PM</b>  10 minutes	Welcome Remarks  <b>Dr. Santiago Vallasciani</b>	<ul style="list-style-type: none"><li>• Recall the purpose and agenda of the DSD workshop.</li><li>• Appreciate the goals of the workshop in enhancing clinical knowledge and patient-centered care.</li><li>• Foster a collaborative environment by encouraging active participation and open dialogue among attendees.</li></ul>
<b>16:10-16:40 PM</b>  30 minutes	Advances in Diagnosis and Management of Children with Differences (Disorders) of Sex Development (DSDs)  Speakers: <ul style="list-style-type: none"><li>• <b>Dr. Khalid Hussain</b></li><li>• <b>Dr. Elwaseila Hamdoun</b></li></ul>	<ul style="list-style-type: none"><li>• Identify recent advancements in genetic, hormonal, and imaging diagnostic techniques for DSDs.</li><li>• Explain the implications of new diagnostic tools on early and accurate classification of DSDs.</li><li>• Integrate updated diagnostic protocols into the clinical evaluation of children suspected of having DSD.</li><li>• Compare the efficacy and limitations of traditional versus advanced diagnostic methods for DSD.</li></ul>

		<ul style="list-style-type: none"> <li>• Critically assess emerging management strategies including hormone therapies, surgical interventions, and psychosocial support in DSD care.</li> <li>• Formulate individualized, evidence-based management plans for children with DSD incorporating multidisciplinary input and latest clinical guidelines.</li> </ul>
	<b>Q&amp;A Session</b>	
<b>16:40-17:10 PM</b>  <b>30 minutes</b>	<p>Current Genetic Diagnostic Approach of Children with Differences (Disorders) of Sex Development (DSDs)</p> <p>Speaker: <b>Dr. Tawfeg Ben Omran</b></p>	<ul style="list-style-type: none"> <li>• Define key genetic terms and concepts relevant to DSD diagnosis, such as karyotyping, gene panels, and whole exome sequencing.</li> <li>• Explain the principles and rationale behind current genetic testing methods used in the diagnosis of DSD.</li> <li>• Interpret genetic test results within the clinical context of children presenting with DSD.</li> <li>• Differentiate between various genetic causes of DSD based on laboratory findings and correlate them with phenotypic presentations.</li> <li>• Critically assess the advantages and limitations of different</li> </ul>

		genetic diagnostic tools in DSD management.
	<b>Q&amp;A Session</b>	
<b>17:10-17:30</b>	<b>Break &amp; Prayer time</b>	
<b>17:30-18:00 PM</b>  <b>30 minutes</b>	<p>The Psychosocial Impact and Quality of Life in Adolescents with Differences (Disorders) of Sex Development (DSDs)</p> <p><b>Speaker: Dr. Finza Latif</b></p>	<ul style="list-style-type: none"> <li>• Identify common psychosocial challenges faced by adolescents with DSDs, including issues related to identity, stigma, and social interactions.</li> <li>• Explain the impact of DSDs on the quality of life and mental health during adolescence.</li> <li>• Describe strategies for effective communication and psychological support tailored for adolescents with DSDs and their families.</li> <li>• Assess how different psychosocial factors influence coping mechanisms and adjustment in adolescents with DSDs.</li> <li>• Elaborate on the role of multidisciplinary teams in addressing psychosocial needs and improving overall quality of life</li> </ul>
	<b>Q&amp;A Session</b>	

<p><b>18:00-18:30 PM</b></p> <p><b>30 minutes</b></p>	<p>Navigating Genital Surgery Options in Children/ Adolescents with Differences (Disorders) of Sex Development (DSDs)</p> <p>Speaker: Dr. Joao Luiz Pippi Salle</p>	<ul style="list-style-type: none"> <li>• Identify common genital surgical procedures offered to children and adolescents with DSD and their intended outcomes.</li> <li>• Explain the anatomical and functional goals of different genital surgeries in DSD and their potential benefits and risks.</li> <li>• Illustrate how to engage families and patients in shared decision-making discussions regarding genital surgery options with empathy and clarity.</li> <li>• Compare the physical, psychosocial, and ethical considerations influencing timing and choice of genital surgery in DSD cases.</li> <li>• Critically assess controversies and current guidelines about early versus deferred genital surgery, including human rights perspectives.</li> <li>• Formulate individualized surgical plans considering patient age, gender identity stability, medical necessity, and family preferences in a multidisciplinary context.</li> </ul>
	<p><b>Q&amp;A Session</b></p>	
<p><b>18:30-18:45 PM</b></p>	<p><b>Break &amp; Prayer time</b></p>	

<p><b>18:45-19:45 PM</b></p> <p><b>60 minutes</b></p>	<p>Round table Interactive discussion of clinical cases: practical approach to DSD cases with active participation of the audience</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>• <b>Dr JL Pippi Salle</b></li> <li>• <b>Dr. Khalid Hussein</b></li> <li>• <b>Dr. Elwaseila Hamdoun</b></li> <li>• <b>Dr Tawfeg Bin Omran</b></li> <li>• <b>Dr Finza Latif</b></li> <li>• <b>Dr. Omar Aljarallah</b></li> <li>• <b>Dr Fatima Al-Khori</b></li> <li>• <b>Dr. Khalid Al Bureshad</b></li> <li>• <b>Dr. Abubkr Elawad</b></li> </ul> <p><b>Facilitator: Dr. Yaser El Hout</b></p>	<ul style="list-style-type: none"> <li>• Recall key clinical features and diagnostic criteria of various DSD cases presented.</li> <li>• Explain the rationale behind diagnostic steps and clinical decision-making in complex DSD scenarios.</li> <li>• Demonstrate clinical reasoning by actively participating in case discussions and proposing management strategies.</li> <li>• Differentiate between DSD subtypes based on clinical signs, lab data, and imaging presented in cases.</li> <li>• Critically assess multidisciplinary management plans considering ethical, social, and cultural implications.</li> <li>• Formulate individualized, evidence-based care plans collaboratively during case discussions incorporating audience input.</li> </ul>
<p><b>19:45-20:00 PM</b></p> <p><b>15 minutes</b></p>	<p><b>Closing Remarks</b></p> <p><b>Dr. Santiago Vallasciani</b></p>	<ul style="list-style-type: none"> <li>• Recall the key topics and concepts covered during the workshop.</li> <li>• Summarize the importance of multidisciplinary care and ethical considerations in DSD management.</li> <li>• Describe how to integrate workshop insights into clinical practice and patient communication.</li> <li>• Reflect on challenges and opportunities identified</li> </ul>

		during the workshop for improving DSD care.
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