

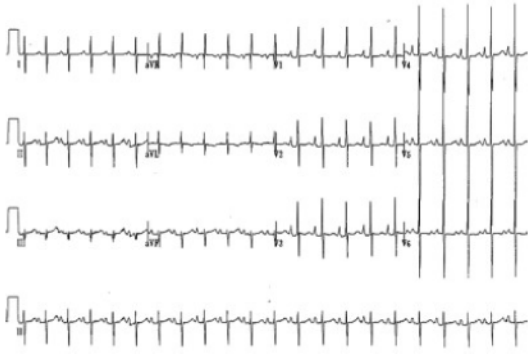
## 2024–2025 Pediatrics Review Syllabus

## Behavioral Medicine &amp; Substance Use Disorder:

## Page 98, Autism Spectrum Disorder (ASD)

| <i>Text currently reads:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <i>Text should read:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| <p><b>Autism Spectrum Disorder (ASD)</b></p> <ul style="list-style-type: none"><li>• Affects 1:36 children<ul style="list-style-type: none"><li>– Males ~ 4× more likely to be affected than females<ul style="list-style-type: none"><li>• May be underdiagnosed in females</li></ul></li><li>– Increased incidence in Black and Hispanic children</li><li>– Rate in siblings: 10–20%</li></ul></li></ul>  <ul style="list-style-type: none"><li>• ~ 50% of affected children have associated intellectual disability</li><li>• More common with certain genetic conditions<ul style="list-style-type: none"><li>– Tuberous sclerosis</li><li>– Fragile X syndrome</li><li>– Angelman syndrome</li><li>– Rett syndrome</li><li>– Noonan syndrome</li><li>– <b>Trisomy 2</b></li><li>– Neurofibromatosis 1</li><li>– CHARGE syndrome</li><li>– DiGeorge syndrome</li><li>– Untreated phenylketonuria</li></ul></li></ul> | <p><b>Autism Spectrum Disorder (ASD)</b></p> <ul style="list-style-type: none"><li>• Affects 1:36 children<ul style="list-style-type: none"><li>– Males ~ 4× more likely to be affected than females<ul style="list-style-type: none"><li>• May be underdiagnosed in females</li></ul></li><li>– Increased incidence in Black and Hispanic children</li><li>– Rate in siblings: 10–20%</li></ul></li></ul>  <ul style="list-style-type: none"><li>• ~ 50% of affected children have associated intellectual disability</li><li>• More common with certain genetic conditions<ul style="list-style-type: none"><li>– Tuberous sclerosis</li><li>– Fragile X syndrome</li><li>– Angelman syndrome</li><li>– Rett syndrome</li><li>– Noonan syndrome</li><li>– <b>Trisomy 21</b></li><li>– Neurofibromatosis 1</li><li>– CHARGE syndrome</li><li>– DiGeorge syndrome</li><li>– Untreated phenylketonuria</li></ul></li></ul> |

**Cardiology:****Page 121, The Pediatric Electrocardiogram > 8-Month-Old Boy with a Murmur**

| <i>Image currently shows:</i>                                                                                                                                                  | <i>Image should show:</i>                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>8-Month-Old Boy With a Murmur</b></p>  <p><i>Sinus Rhythm; Right Axis; RAE; RVH</i></p> | <p><b>8-Month-Old Boy With a Murmur</b></p>  <p><i>Sinus Rhythm; Right Axis; RAD; RVH</i></p> |

**Metabolic Disorders:****Page 400, Audience Response Answers and Explanatory Information**

| <i>Text currently reads:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <i>Text should read:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>AR 5</b><br/>E. Scheduled oral cornstarch supplementation</p> <p><b>Answer: E. Scheduled oral cornstarch supplementation</b></p> <ul style="list-style-type: none"> <li>This is a classic presentation for a GSD; the lab values are consistent with the elevated lipids and lactate, as well as the enlarged liver</li> <li>The problem is an inability to break down glycogen to glucose; so, provide the body with a slow-releasing form of <b>glycogen</b> via cornstarch</li> <li>Fatty acids and protein supplementation will not address the need for glycogen; glucagon will force the body to release what glycogen it can, but then will get low glucose again</li> <li>Repeat IV dextrose does not address the need for ability to live independently and may force the body to store more glycogen that it is not using</li> </ul> | <p><b>AR 5</b><br/>E. Scheduled oral cornstarch supplementation</p> <p><b>Answer: E. Scheduled oral cornstarch supplementation</b></p> <ul style="list-style-type: none"> <li>This is a classic presentation for a GSD; the lab values are consistent with the elevated lipids and lactate, as well as the enlarged liver</li> <li>The problem is an inability to break down glycogen to glucose; so, provide the body with a slow-releasing form of <b>glucose</b> via cornstarch</li> <li>Fatty acids and protein supplementation will not address the need for glycogen; glucagon will force the body to release what glycogen it can, but then will get low glucose again</li> <li>Repeat IV dextrose does not address the need for ability to live independently and may force the body to store more glycogen that it is not using</li> </ul> |