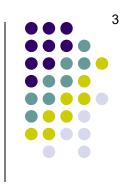


What findings comprise the Aicardi syndrome?

Mnemonic is...

- --A
- ___
- **--**C
- --A
- --R
- **--**D
- __



- -- Aicardi syndrome
- --Includes...

--C

--A

--R

--D

--/

start here



What findings comprise the Aicardi syndrome?

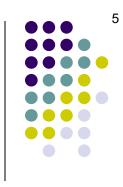
- -- Aicardi syndrome
- --Includes...
- --Coloboma of abb. start here

--A

--R

--D

--/



- -- Aicardi syndrome
- --Includes...
- --Coloboma of ONH start here



--A

--R



What findings comprise the Aicardi syndrome?

- -- Aicardi syndrome
- --Includes...
- --Coloboma of ONH

--A

--R

--D

--/



- -- Aicardi syndrome
- --Includes...
- --Coloboma of ONH
- --Absence of the

two words



--R

--D

--/

- -- Aicardi syndrome
- --Includes...
- --Coloboma of ONH
- --Absence of the corpus callosum



--R



- -- Aicardi syndrome
- --Includes...
- --Coloboma of ONH
- --Absence of the corpus callosum



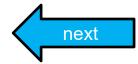


--D

--/



- -- Aicardi syndrome
- --Includes...
- --Coloboma of ONH
- --Absence of the corpus callosum
- --Retardation next





- -- Aicardi syndrome
- --Includes...
- --Coloboma of ONH
- --Absence of the corpus callosum
- --Retardation
- **--**D



--/



- -- Aicardi syndrome
- --Includes...
- --Coloboma of ONH
- --Absence of the corpus callosum
- --Retardation
- --Depigmented

two words



--



- -- Aicardi syndrome
- --Includes...
- --Coloboma of ONH
- --Absence of the corpus callosum
- --Retardation
- --Depigmented chorioretinal lacunae



--/



What findings comprise the Aicardi syndrome?

- -- Aicardi syndrome
- --Includes...
- --Coloboma of ONH
- --Absence of the corpus callosum
- --Retardation
- --Depigmented chorioretinal lacunae

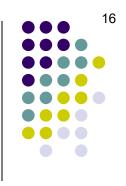
--/





- -- Aicardi syndrome
- --Includes...
- --Coloboma of ONH
- --Absence of the corpus callosum
- --Retardation
- --Depigmented chorioretinal lacunae
- --Infantile one word next

 Mnemonic is... AICARDI

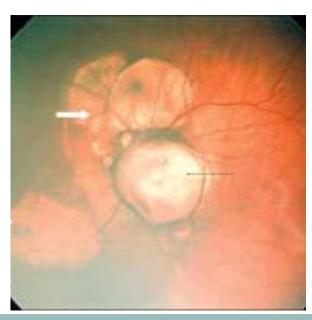


- -- Aicardi syndrome
- --Includes...
- --Coloboma of ONH
- --Absence of the corpus callosum
- --Retardation
- --Depigmented chorioretinal lacunae
- --Infantile seizures next

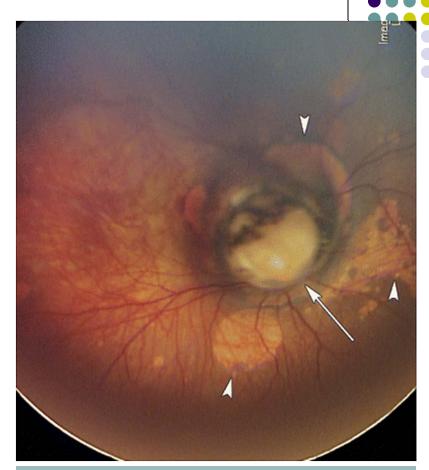




- Next let's check out pics of the...
- --IIICILICES....
- --Coloboma of ONH
- -- Absence of the corpus callosum
- --Retardation
- --Depigmented chorioretinal lacunae
- --Infantile seizures



Note: The black arrow indicates the colobomatous ONH (the white arrow is pointing out a different finding we'll get to shortly)



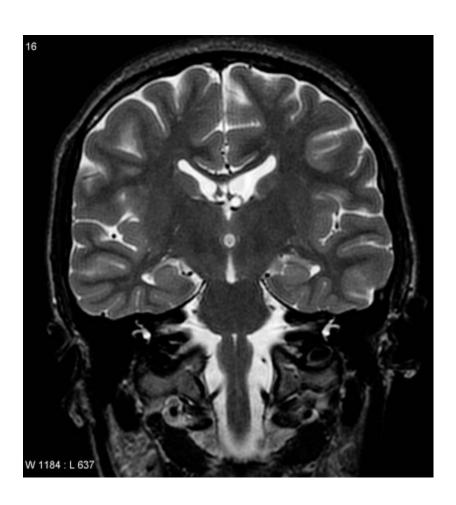
Note: The white arrow indicates the colobomatous ONH (the white arrow heads are pointing out the same other finding as the white arrow in the other pic)

Aicardi syndrome: ONH coloboma



- Next let's check out pics of the...
- --Coloboma of ONH
- --Absence of the corpus callosum
- --Retardation
- --Depigmented chorioretinal lacunae
- --Infantile seizures

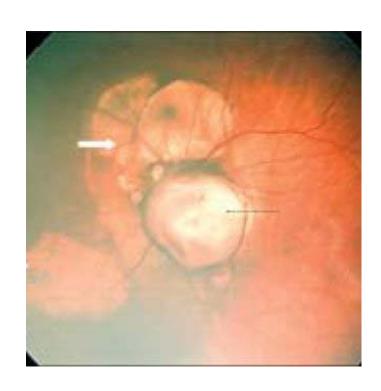


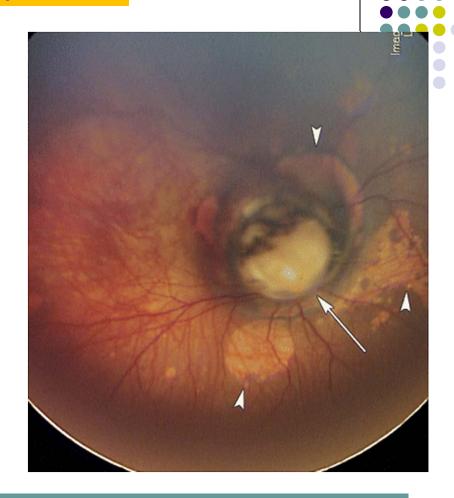


Aicardi syndrome: Absence of the corpus callosum



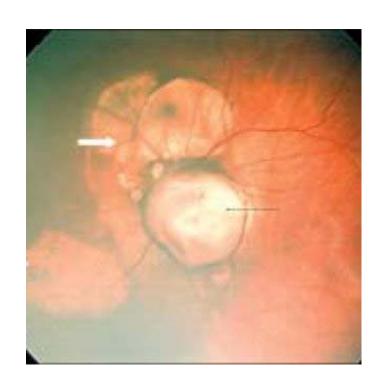
- -- Aigardi ayındrama
- Next let's check out pics of the...
- --Coloboma of ONH
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- --Retardation
- --Depigmented chorioretinal lacunae
- --Infantile seizures

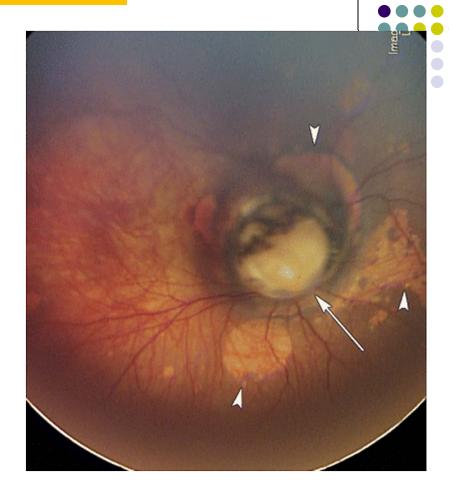




These pics were presented previously. It is to **depigmented chorioretinal lacunae** that the white arrow on the left and the white arrowheads on the right are pointing

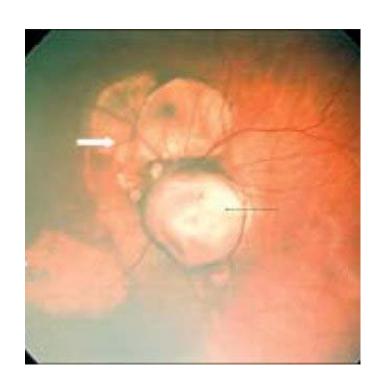
Aicardi syndrome: Depigmented chorioretinal lacunae

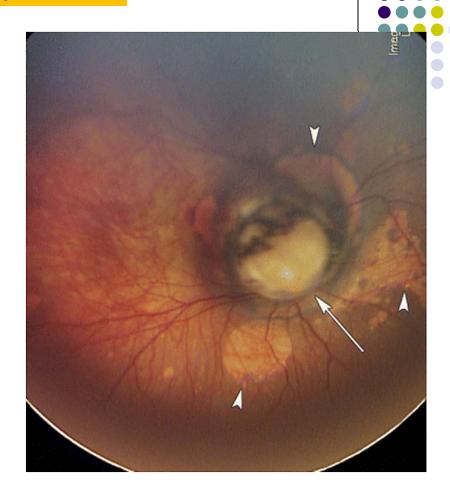




At what location in the retina do the lacunae tend to be found?

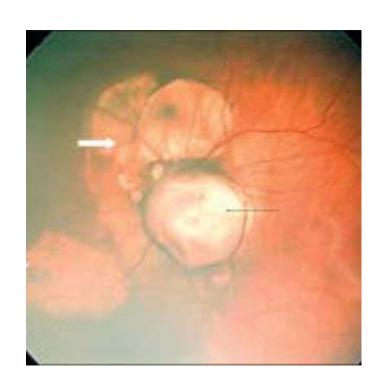
Alcardi syndrome. Depigmented chonoretinal lacunae

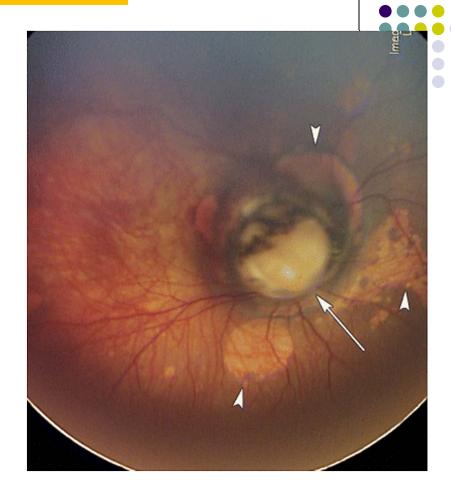




At what location in the retina do the lacunae tend to be found? The posterior pole, especially the region

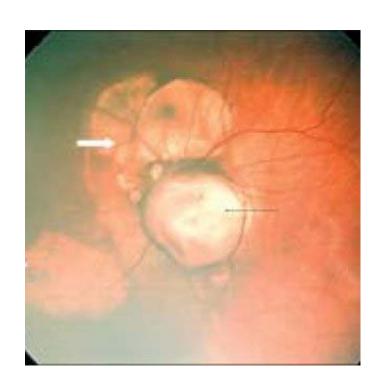
Alcardi syndrome. Depigmented chonoretinar lacunae

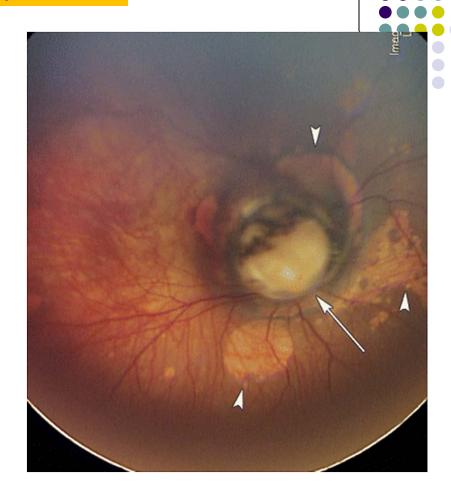




At what location in the retina do the lacunae tend to be found? The posterior pole, especially the peripapillary region

Alcardi syndrome. Depigmented chonoretinar lacunae

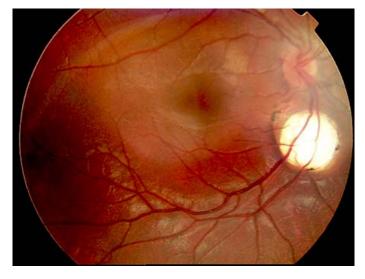




At what location in the retina do the lacunae tend to be found?

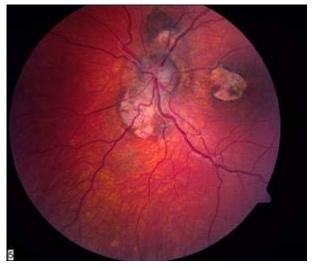
The posterior pole, especially the peripapillary region (it is not a coincidence that you can see the ONH in each of these pics)

Alcard Syndrome. Depigmented chonoreuman acunae









The depigmented chorioretinal lacunae are considered pathognomonic for Aicardi syndrome. The point being: If you commit only one pic to memory, make it of the depigmented lacunae!



- -- Aicardi syndrome
- --Includes...
- --Coloboma of ONH
- -- Absence of the corpus callosum
- --Retardation
- --Depigmented chorioretinal lacunae
- --Infantile seizures

Which three of these findings constitute the 'classic triad' of Aicardi syndrome?

__

--



- -- Aicardi syndrome
- --Includes...
- --Coloboma of ONH

Which three of these findings constitute the 'classic triad' of Aicardi syndrome?

- --Absence of the corpus callosum
- --Depigmented chorioretinal lacunae
- --Infantile seizures
- --Absence of the corpus callosum
- --Retardation
- --Depigmented chorioretinal lacunae
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- -- Aicardi syndrome
- --Includes...

Which three of these findings constitute the 'classic triad' of Aicardi syndrome?

--Absence of the corpus callosum

--Deniamented chorioretinal lacunae

--Coloboma c

Is the corpus callosum absence always complete?

--Absence of the corpus callosum

- --Retardation
- -- Depigmented chorioretinal lacunae
- --Infantile seizures



What findings comprise the Aicardi syndrome?

- -- Aicardi syndrome
- --Includes...

Which three of these findings constitute the 'classic triad' of Aicardi syndrome?

--Absence of the corpus callosum

-- Deniamented chorioretinal lacunae

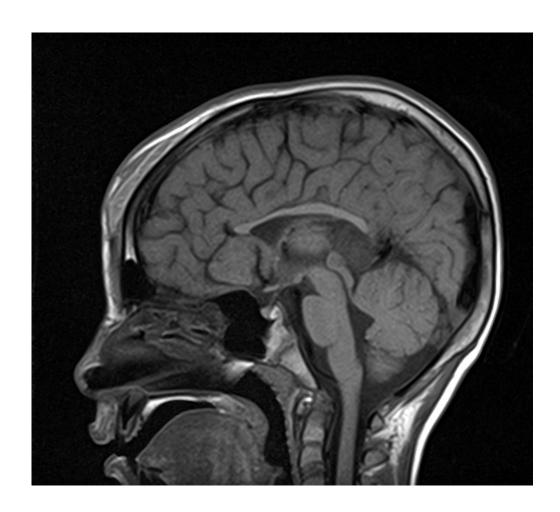
--Coloboma of the corpus callosum absence always complete?

No, in many cases it is partial

--Absence of the corpus callosum

- --Retardation
- --Depigmented chorioretinal lacunae
- --Infantile seizures





Partial agenesis of the corpus callosum in Aicardi syndrome



- What is the inheritance pattern for Aicardi syndrome?
- --//
- -- Colopolita of ONT
- -- Absence of the corpus callosum
- --Retardation
- --Depigmented chorioretinal lacunae
- --Infantile seizures



- What is the inheritance pattern for Aicardi syndrome?

 X-linked dominant
- --//
- -- Colopoliia of ONI
- --Absence of the corpus callosum
- --Retardation
- --Depigmented chorioretinal lacunae
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- What is the inheritance pattern for Aicardi syndrome?

 X-linked dominant
- What is the gender predilection?
- -- Colopollia of ONIT
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- --Infantile seizures



- What is the inheritance pattern for Aicardi syndrome? X-linked dominant
- What is the gender predilection?
 As it is lethal in males, the vast majority of pts are phenotypically female
- -- Colopollia of ONE
- -- Absence of the corpus callosum
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- --Depigmented chorioretinal lacunae
- --Infantile seizures

Aicardi Syndrome



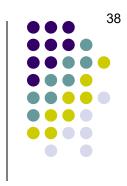
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'Vast majority'? If it's lethal in males, how do any survive to manifest the condition?

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- --Retardation
- --Depigmented chorioretinal lacunae
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What findings comprise the Aicardi syndrome?

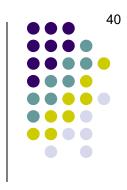
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- --Retardation
 - 47,XXY males are syndromic. What is the eponymous name for this syndrome?
- --Depig
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Klinefelter's

'An x-linked recessive condition, lethal in genetically typical males such that all pts are female except for Klinefelter males.' There is only one other condition in the BCSC that fits this description—what is it? Incontinentia pigmenti (IP)

In one word, what sort of condition is IP?
A phakomatosis

Briefly, what is a phakomatosis?

A congenital condition involving hamartomatous lesions of multiple organ systems, usually including the

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Normal at birth, within days the skin develops extensive bullae and pigmentary changes that has been said to resemble two words

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--Depio Klinefelter's

Aicardi Syndrome





Incontinentia pigmenti: Splashed-paint appearance

In one word, what sort of condition is IP? A phakomatosis

Briefly, what is a phakomatosis?

A congenital condition involving hamartomatous lesions of multiple organ systems, usually including the CNS, eyes and skin

For more on IP (and the other phakomatoses), see slide-set P10

said to resemble 'splashed paint'

vviiat is the yelluct prediferent:

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-- Colopollia of Chia

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And to be clear. For all this talk of Klinefelter's etc, if you are presented with an Aicardi syndrome pt on the OKAP or Boards, she will be female

Normal at birth, within days the skin develops extensive buliae and pigmentary changes that has been said to resemble 'splashed paint'

• vviiat is the genuer preuneusen:

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Aicardi Syndrome



What findings comprise the Aicardi syndrome?

-- Aicardi syndrome

Aicardi syndrome is a rare disorder (<1:100,000 live births) that presents in females, usually during infancy. The first manifestation to be noted is often intractable seizures, usually infantile spasms. For such pts, DFE may be requested to assess for the presence of chorioretinal lacunae, which are considered pathognomonic. Colobomatous changes to the ONH are another common ocular manifestation (there are sporadic reports of myriad others). The classic finding on CNS imaging is absence or dysgenesis of the corpus callosum—but as with the eye, many other abnormalities have been reported. Facial dysmorphia can occur. The retardation is usually severe.

--Depigmented chorioretinal lacunae

--Infantile seizures

Summary slide—no questions