

"US na Classificação dos Tumores Ovarianos"

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US na Classificação dos Tumores Ovarianos

Sumário

- Léxico IOTA/O-RADS US (ACR)
- Classificação e modelos IOTA
- Classificação e Estratificação de Risco O-RADS US (ACR)

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Massas ovarianas: como descrever ?



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Classificação dos Tumores Ovarianos pela IOTA

Relatórios com descrição e padronização uniformes

Timmerman D e cols. Ultrasound Obstet. Gynecol 2000; 16: 500-505 IOTA= International Ovarian Tumor Analysis

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Classificação dos Tumores Ovarianos pela IOTA

Morfologia US	n1233	maligno	%
Unilocular	384	5	0.8
Unilocular c/ comp. sólida	143	44	37
Multilocular	213	20	10
Multilocular c/ comp. Sólida	323	116	43
Sólido	170	84	65

Timmerman D et al. Ultrasound Obstet Gynecol 2008; 31:681-90 IOTA – International Ovarian Tumor Analysis

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Ovarian-Adnexal Reporting Lexicon for Ultrasound: A White Paper of the ACR Ovarian-Adnexal Reporting and Data System Committee

EC
Editor's
Choice
SA-CME

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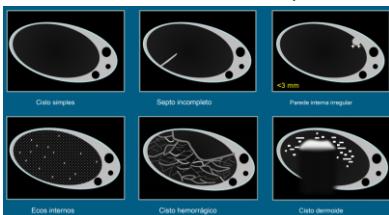
J Am Coll Radiol 2018;15:1415-1429. Copyright © 2018 American College of Radiology

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Léxico O-RADS US - Cisto unilocular sem componente sólido



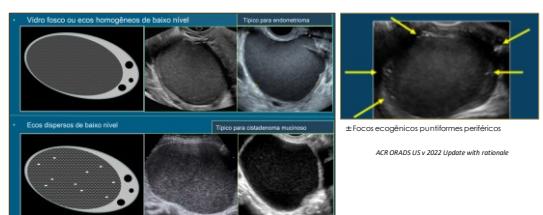
Andreotti RF e cols. J Am Coll Radiol 2018; 15: 1415-1429. Ovarian-Adnexal Reporting Lexicon for Ultrasound: A white paper of the ACR Ovarian-Adnexal Reporting and Data System Committee

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Léxico O-RADS US – Conteúdo do cisto

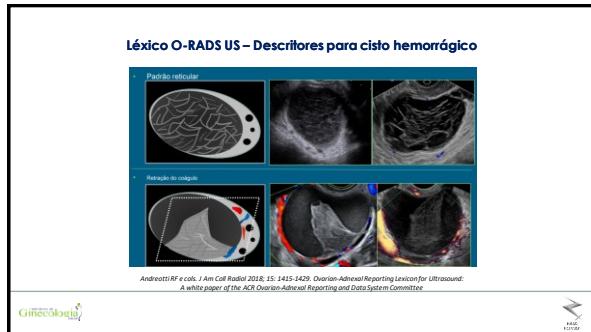


Andreotti RF e cols. J Am Coll Radiol 2018; 15: 1415-1429. Ovarian-Adnexal Reporting Lexicon for Ultrasound: A white paper of the ACR Ovarian-Adnexal Reporting and Data System Committee

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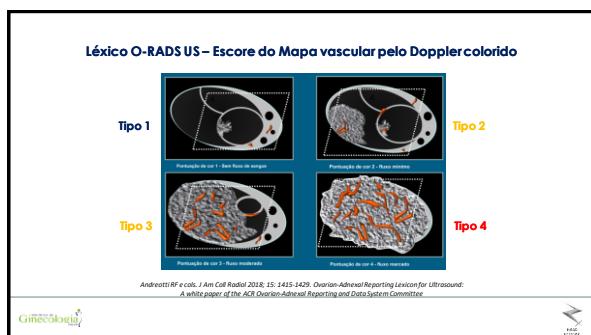
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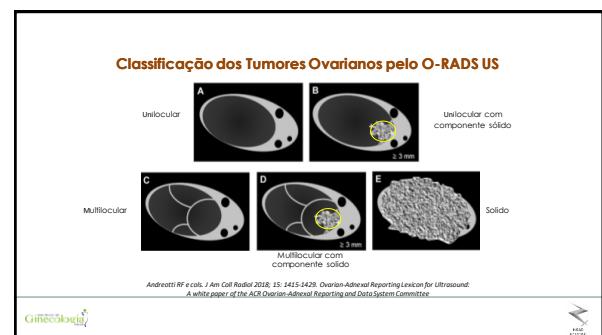
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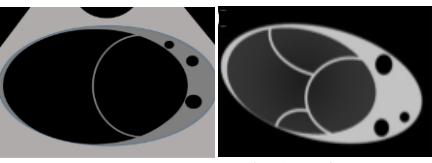


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Classificação dos Tumores Ovarianos pelo O-RADS US



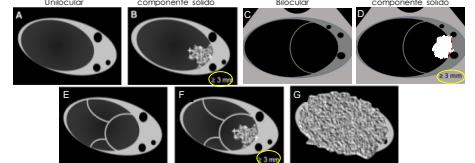
Bilocular 2 lojas - septo único Multilocular ≥ 3 lojas

ACR ORADS US v.2022 Update with rationale

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Classificação dos Tumores Ovarianos pelo O-RADS US



A Unilocular B Unilocular com componente sólida C Bilocular D Bilocular com componente sólida
 E Multilocular F Multilocular com componente sólida G Sólido

ACR ORADS US v.2022 Update with rationale

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Regras Simples da IOTA

5 regras simples para predizer benignidade



A: mass is classified as B, if no more than one solid nodule is present, without any solid nodule M

B: Bilocular tumor (M)
C: Multilocular tumor (B)

B: No solid tumor (B)

Timmerman et al. Ultrasound Obstet Gynecol 2008; 31: 681-90 IOTA – International Ovarian Tumor Analysis

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Regras Simples da IOTA

5 regras simples para predizer malignidade



M1: Bilocular solid nodule

M2: Presence of solid nodule

M3: At least four stromal structures

M3: Very strong blood flow

Timmerman et al. Ultrasound Obstet Gynecol 2008; 31: 681-90 IOTA – International Ovarian Tumor Analysis

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ADNEX IOTA



Welcome Results

IOTA

ADNEX Assessment of different Neoplasias in the colon/rectum

The ADNEX model employs the risk that a detected adenoma mass for each of the following criteria benign, borderline, stage I-II (invasive), or adenocarcinoma in the lesions.

ris predictors não HS

- Idade do paciente
- CA 125 U/ml sérico
- Hospital (oncológico ou não)

ris predictors ultrassonográficos

- Diâmetro máximo da lesão (mm)
- Proporção (%) do tecido sólido
- N° de papilas (0,1,2,3,4)
- Presença de > 10 lóculos (sim/não)
- Sombra acústicas (sim/não)
- Presença de ascite (sim/não)

Start Analysis

Van Calster et al, *BMJ* 2014; 349: s920

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ADNEX IOTA

Dâmnito maior do útero

$>20 >10 \times 100\%$ tecido sólido

>10 lóculos (5 ou N)

Nº de papilas: 1,2,3,24

Sombra acústica (5 ou N)

Ascite (5 ou N)

Van Calster et al, *BMJ*. 2014; 349: 5920

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ADNEX IOTA

Column

READ OF THE RESULTS

Risk Type	Value
Baseline Risks	4.4%
Baseline Risks	14.1%
Patient Risks	14.1%
Patient Risks	14.1%
Patient Risks	14.1%
Patient Risks	14.1%
Patient Risks	14.1%

Radar

Back Home

A B C D E

Green points: Baseline Risks
Red points: Patient Risks

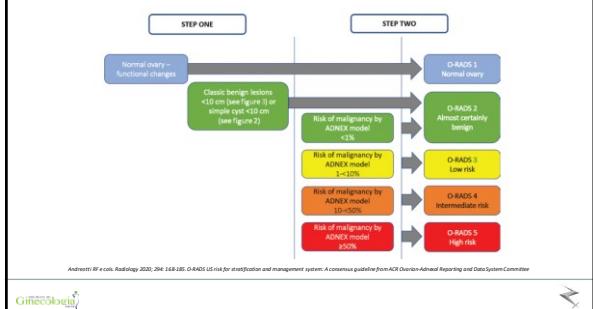
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Classificação de risco dos tumores ovarianos pelo O-RADS US

- 0 – Avaliação incompleta
- 1 – Normal – Fisiológica
- 2 – Muito provavelmente benigno (risco < 1% para malignidade)
- 3 – Risco baixo (1 a <10% para malignidade)
- 4 – Risco moderado (10 a < 50% para malignidade)
- 5 – Risco elevado (≥ 50% para malignidade)

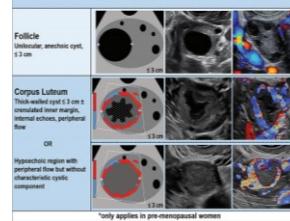
Andreatti RF et coll. Radiology 2020; 294: 168-185. O-RADS US risk for stratification and management system: A consensus guideline from ACR Ovarian-Adnexal Reporting and Data System Committee



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Classificação de risco dos tumores ovarianos pelo O-RADS US

O-RADS 1 – Normal Ovary (0% likelihood of malignancy)*



*only applies in pre-menopausal women

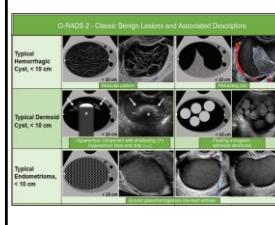
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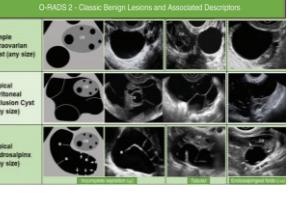
Classificação de risco dos tumores ovarianos pelo O-RADS US

O-RADS 2 – Almost Certainly Benign (<1% likelihood of malignancy)

O-RADS 2 – Classic Benign Lesions and Associated Descriptors



O-RADS 2 – Classic Benign Lesions and Associated Descriptors

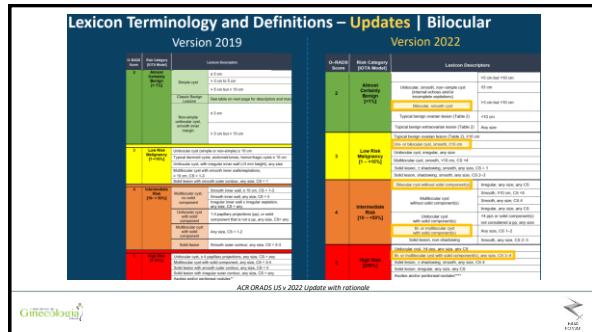


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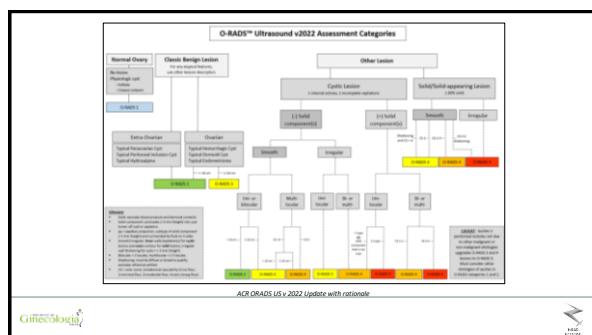
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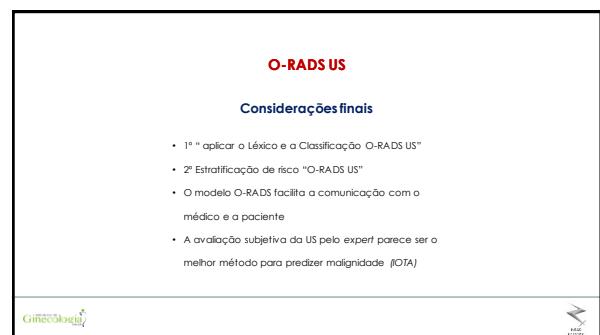
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