

ESSENCIAL DA ANATOMIA

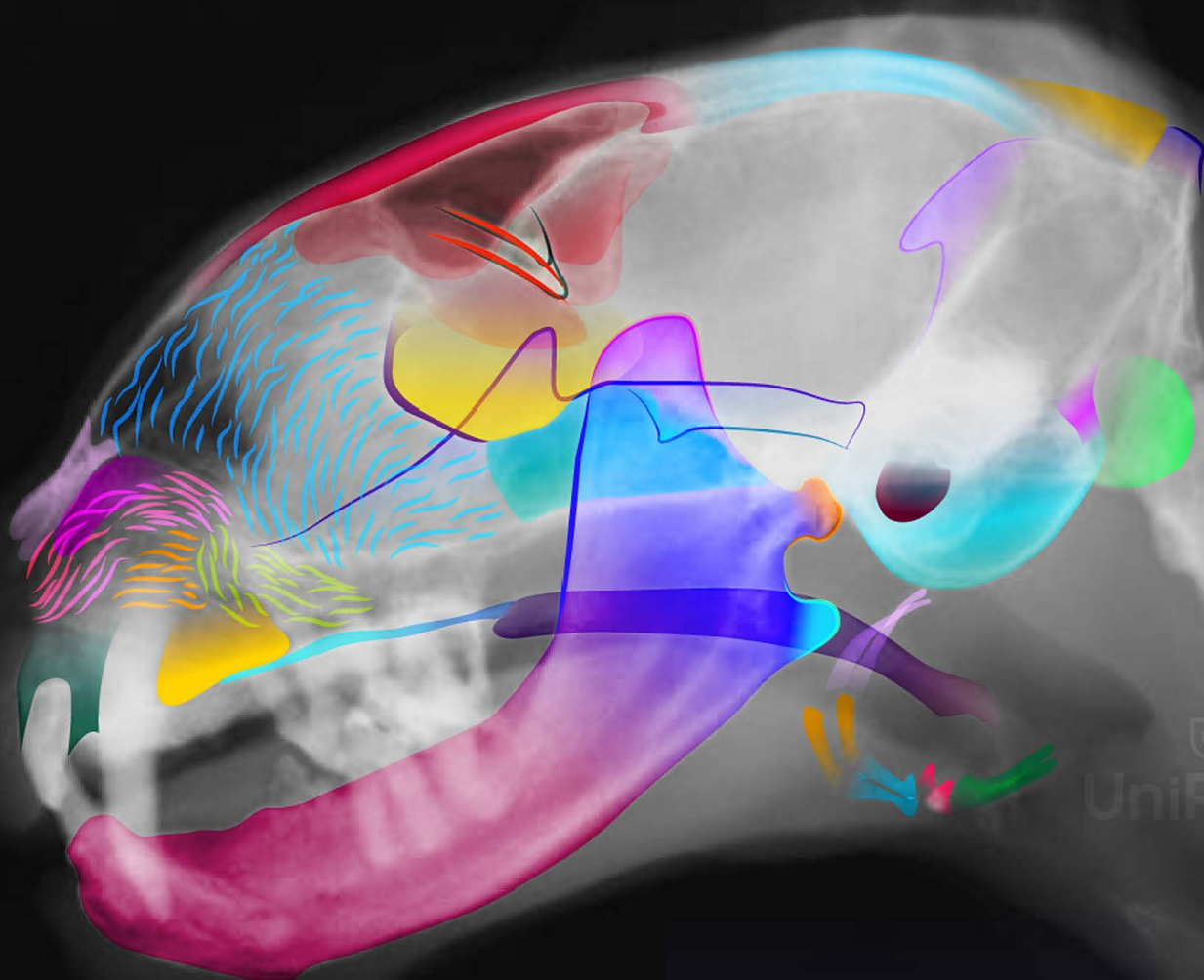
RADIOGRÁFICA

Versão 1.0

DE CÃES E GATOS



UniRadio



UniRadio

Thiago Rinaldi Müller
Livia Pasini de Souza
Marilia Gabriela Luciani

ESSENCIAL DA ANATOMIA RADIOGRÁFICA DE CÃES E GATOS

Versão 1.0

Autores

Prof. Dr. Thiago Rinaldi Müller
Dra. Livia Pasini de Souza
Ms. Marilia Gabriela Luciani

Colaboradores

Anaís Ayun Favero Jácamo
Giovanna Costa Grotti

Ilustrações e Diagramação

Rafael Monteiro Amery
Tatiana Monteiro Amery

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A obra “Essencial da Anatomia Radiográfica de Cães e Gatos - Versão 1.0” é uma sinopse da obra “Essencial da Anatomia e Posicionamento Radiográfico de Cães e Gatos”

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PREFÁCIO

Tornar-se um radiologista proficiente ou ter um conhecimento amplo de radiologia é uma longa jornada. A maioria dos estudos radiográficos são interpretados por veterinários competentes, cujo treinamento em interpretação de imagens foi limitado. Todos esses médicos veterinários, assim como os alunos que estão apenas começando a desenvolver suas habilidades interpretativas, devem ter uma base sólida de anatomia radiográfica normal e variantes anatômicas para conseguir extrair as melhores e mais acuradas informações dos exames radiográficos.

Neste livro, assinalamos a identidade de essencialmente todas as estruturas anatômicas clinicamente significativas do cão e gato que podem ser vistas radiograficamente. O objetivo principal deste livro é fornecer uma referência detalhada para a anatomia radiográfica básica do cão e do gato. Uma seleção de variantes anatômicas e algumas das maiores "armadilhas" radiográficas comuns também podem ser encontradas nesta obra.

Finalmente, este livro não é simplesmente um atlas ilustrado, mas uma fonte de referência para auxiliar médicos veterinários e estudantes de medicina veterinária a compreender as estruturas no exame radiográfico.

RECONHECIMENTO

Os autores reconhecem com gratidão o trabalho pioneiro dos colaboradores deste maravilhoso livro.

Aos parceiros Focus Diagnóstico Veterinário e SOS Hospital Veterinário, na obtenção das imagens.

Ao Rafael e Tatiana pelo maravilhoso trabalho realizado nas artes deste livro.

Aos radiologistas Anaís e Giovanna pela dedicação e trabalho por trás das cenas em concluir este livro.

Aos queridos animais que foram nossos modelos nesta obra.

SOBRE OS AUTORES

Prof. Dr. Thiago Rinaldi Müller

Médico Veterinário formado pela UDESC em 2008. Thiago realizou mestrado e doutorado em diagnóstico por imagem veterinário pela FMVZ-UNESP de Botucatu. É professor adjunto da UDESC, lecionando a disciplina de diagnóstico por Imagem desde 2011. Possui estágios na área de clínica médica e diagnóstico por imagem no Canadá e Estados Unidos. É autor de diversos artigos científicos na área de diagnóstico por imagem em revistas nacionais e internacionais. Fundador e criador da Uniradio.

Dra. Livia Pasini de Souza

Médica Veterinária formada pela UNIP em 2010. Livia realizou mestrado em diagnóstico por imagem veterinário pela FMVZ-UNESP de Botucatu e doutorado na UDESC de Lages. Foi professora de Faculdades de Medicina Veterinária (UNIP, Cruzeiro do Sul e Unifacvest). Possui estágios na área de diagnóstico em por imagem em faculdades dos Estados Unidos. É autora de diversos artigos científicos na área de diagnóstico por imagem em revistas nacionais e internacionais. Cofundadora e CEO da Uniradio.

Ms. Marilia Gabriela Luciani

Possui graduação em Medicina Veterinária pela Universidade do Estado de Santa Catarina (2014), Residência na área de Diagnóstico por Imagem Veterinária pela mesma instituição (2017). Mestre em Ciência Animal pela Universidade do Estado de Santa Catarina. Líder da telerradiologia da Uniradio.

SOBRE A UNIRADIO

A **Uniradio** nasceu em novembro de 2013 com uma missão – melhorar a qualidade do diagnóstico por imagem veterinário no Brasil.

Na medicina veterinária, é comum se deparar com exames de diagnósticos por imagem realizados com imperícia técnica e não avaliados por profissionais com conhecimento básico na área – o resultado é uma baixa qualidade diagnóstica por um valor geralmente alto. Isso ocorre, muitas vezes, pela carência e baixa acessibilidade a um profissional capacitado para avaliação de um exame de imagem.

Frente a essa realidade, a **Uniradio** objetiva trazer o profissional especializado mais perto dos médicos veterinários, clínicas e hospitais veterinários que necessitam de diagnósticos confiáveis, por meio de uma plataforma on-line acessível a todos – aumentando a disponibilidade e alcance de profissionais da área de diagnóstico por imagem e diminuindo a incidência de exames de imagem incultos. É uma ideia ousada e inovadora. Por esta razão que, em menos de um ano de existência, recebeu um prêmio de ideia inovadora pelo programa Sinapse da Inovação da FAPESC (2014).

Pela natureza de ensinar da nossa equipe, conseguimos lançar uma nova e pioneira metodologia de ensino, por meio de curso online no Brasil, em que a mentoria e acompanhamento de perto dos nossos alunos é a principal característica. Trazendo resultados positivos para nossos alunos, conseguimos caminhar em direção a nossa missão.

Hoje, a **Uniradio** está presente em todas as regiões do Brasil, seja com seu serviço de telerradiologia ou com alunos dos cursos online. Contamos com uma equipe de radiologistas altamente treinados e com suporte técnico avançado – dirigido por Felipe Rinaldi Müller - para conseguirmos realizar nossa missão.

Obrigado por fazer parte da nossa história.

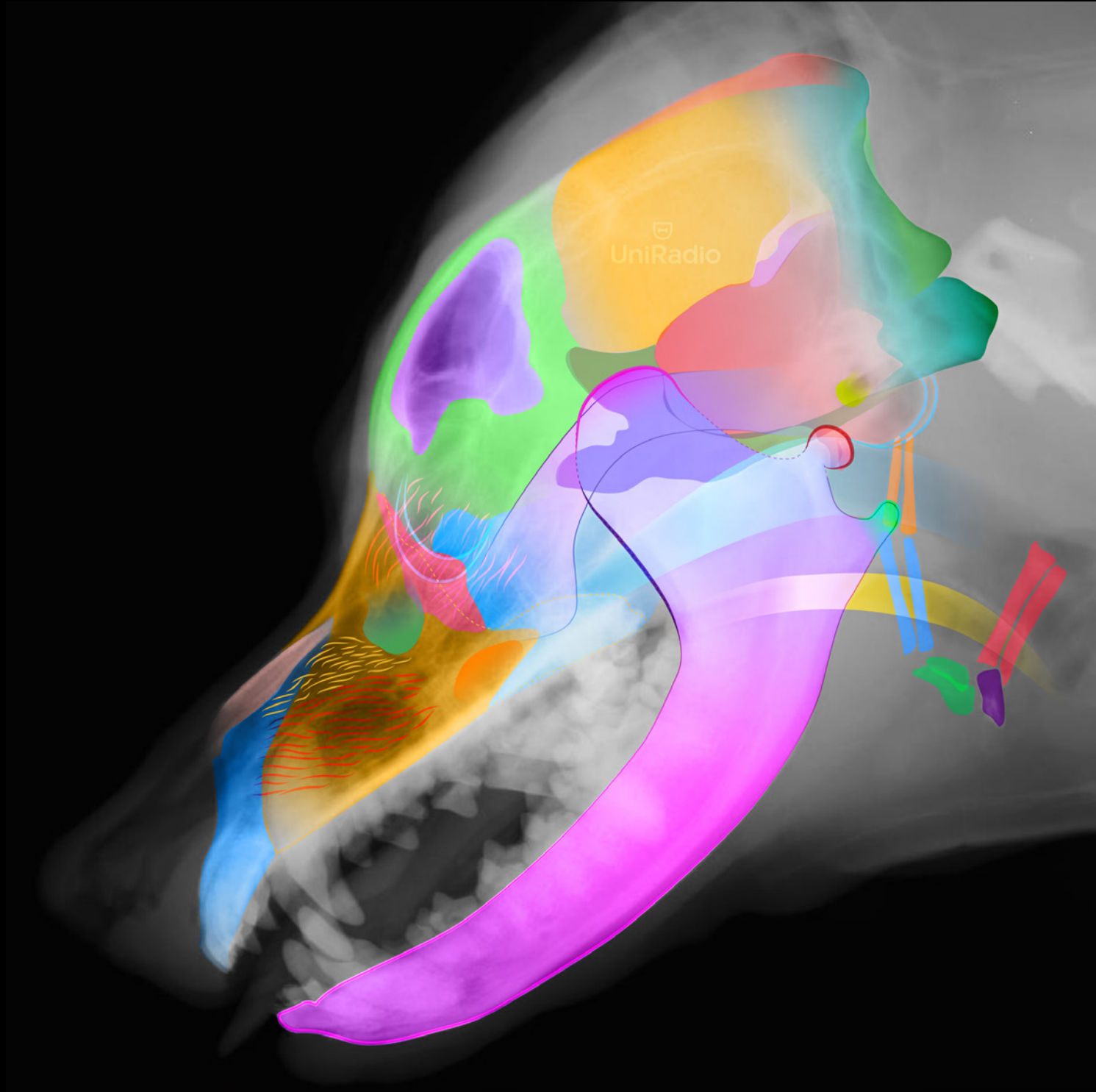
CRÂNIO . GERAL

Lateral



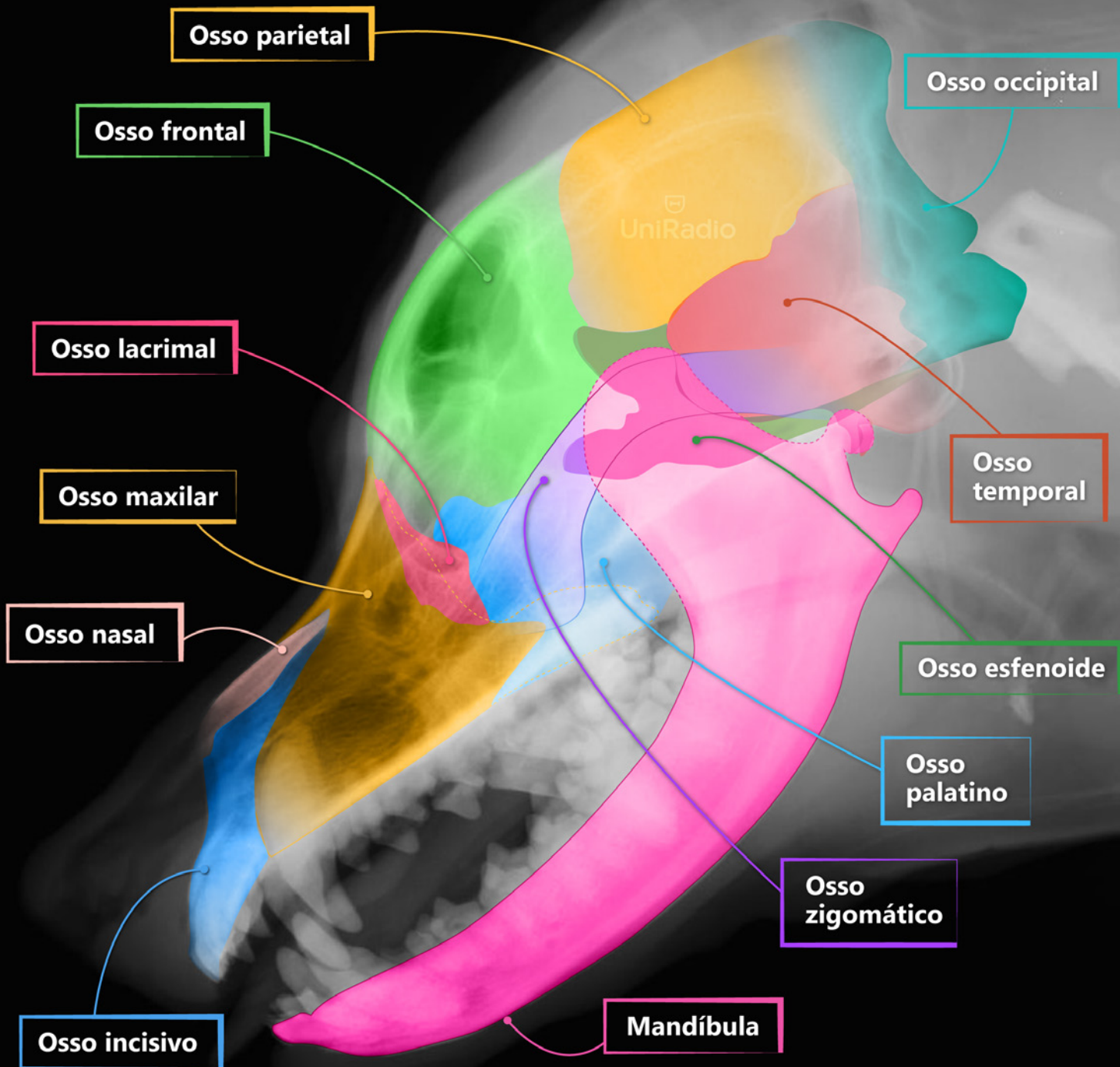
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Lateral



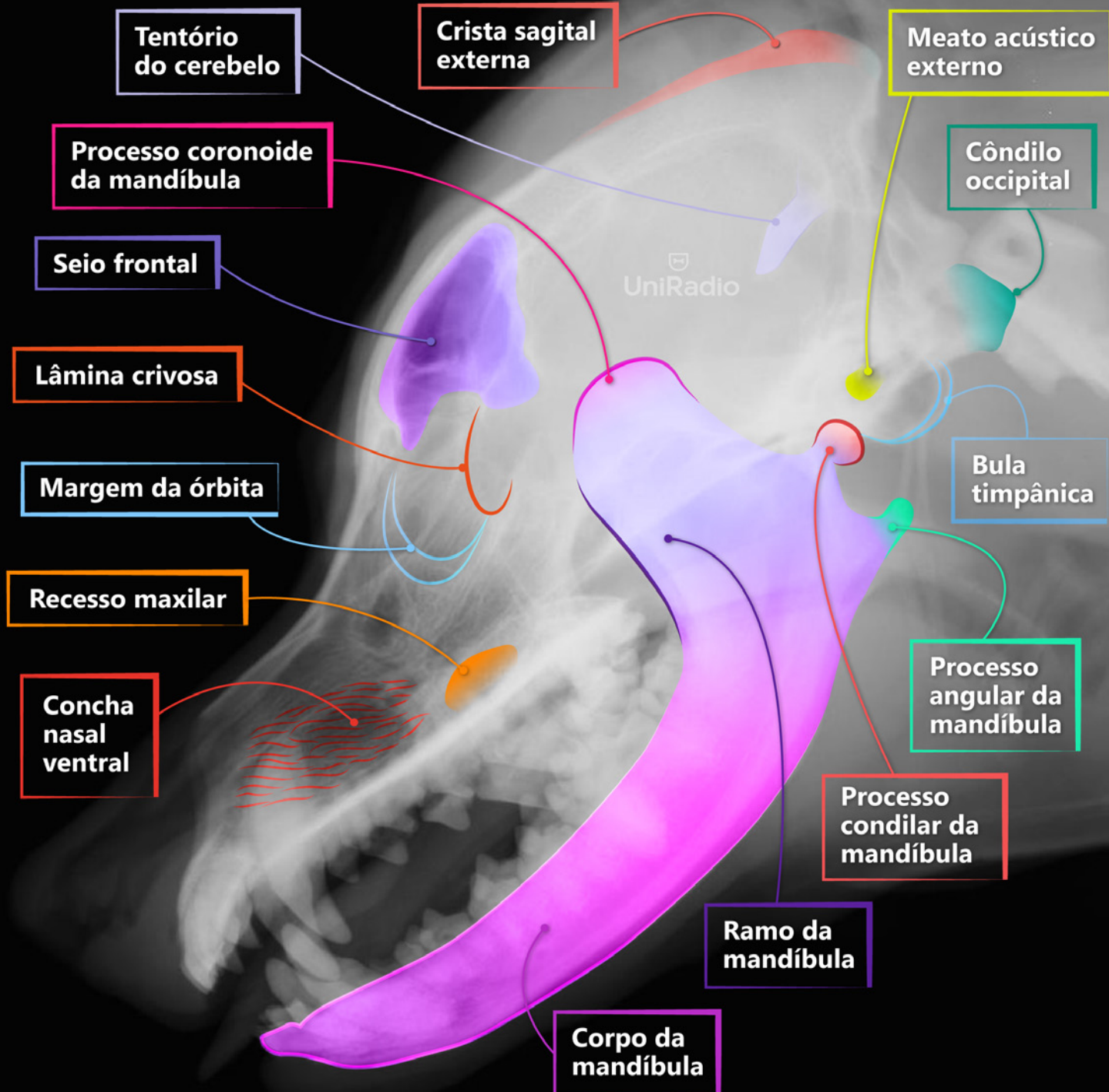
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Lateral



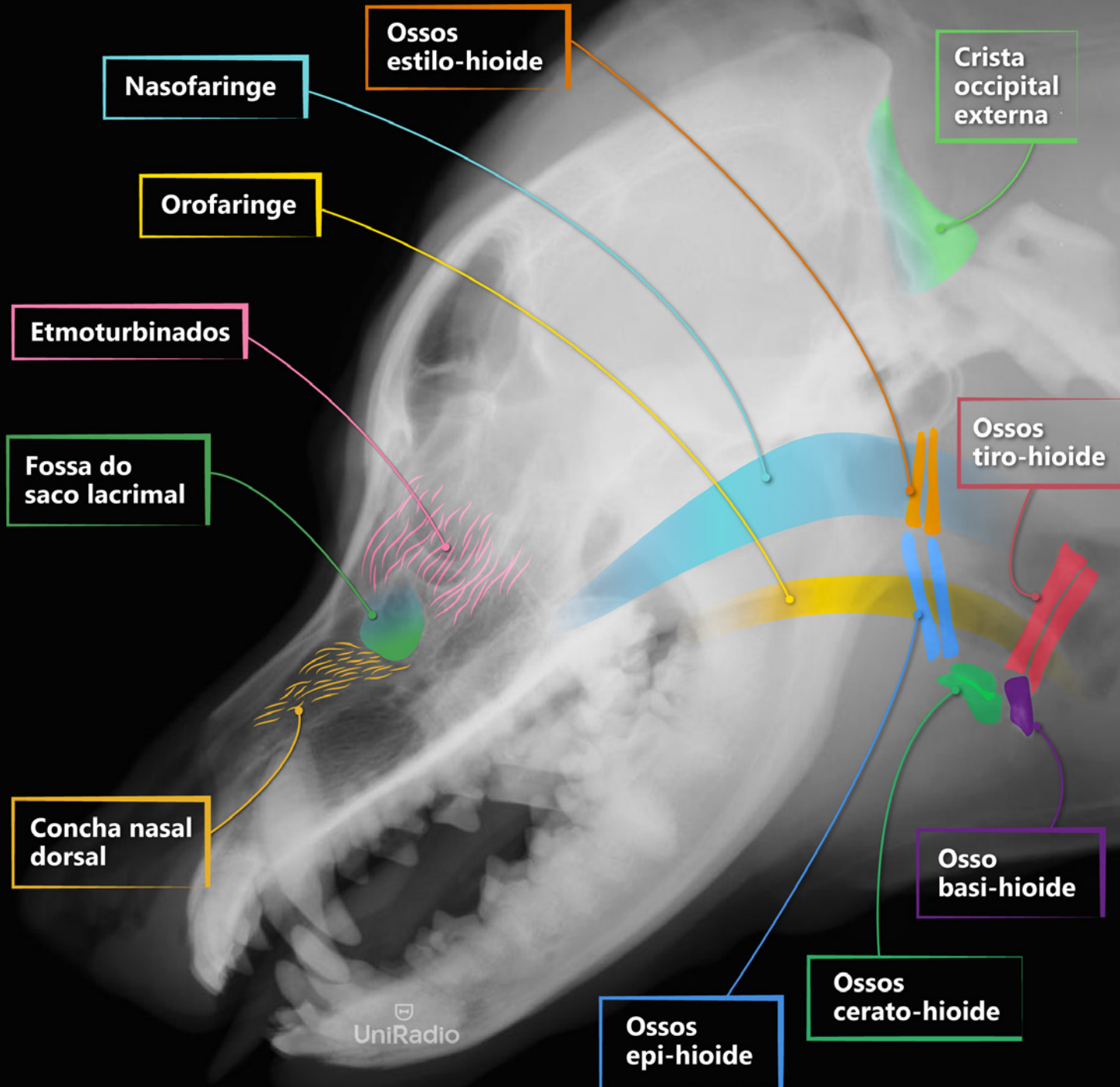
CRÂNIO . GERAL

Lateral



CRÂNIO . GERAL

Lateral



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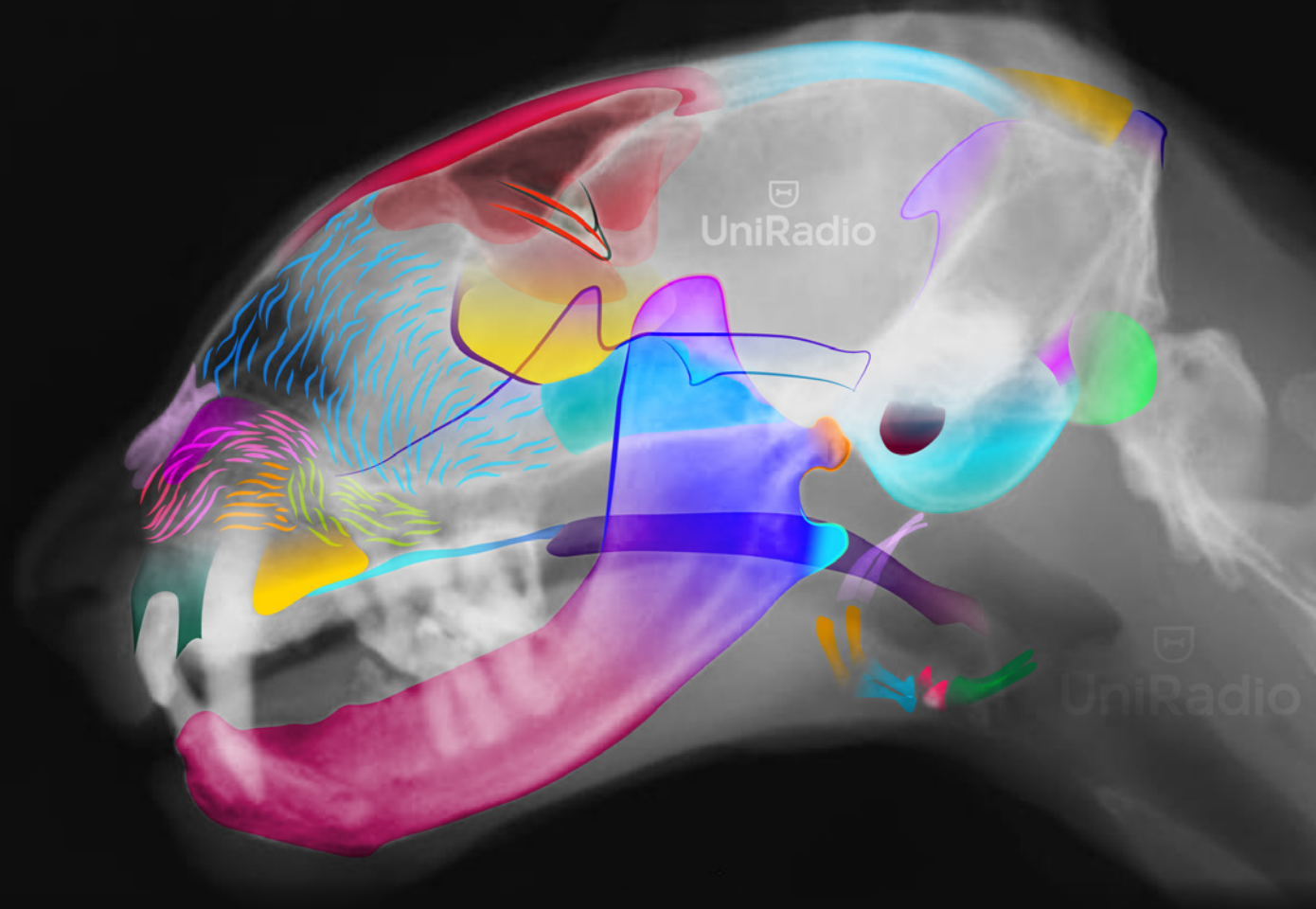
CRÂNIO . GERAL

Lateral felino



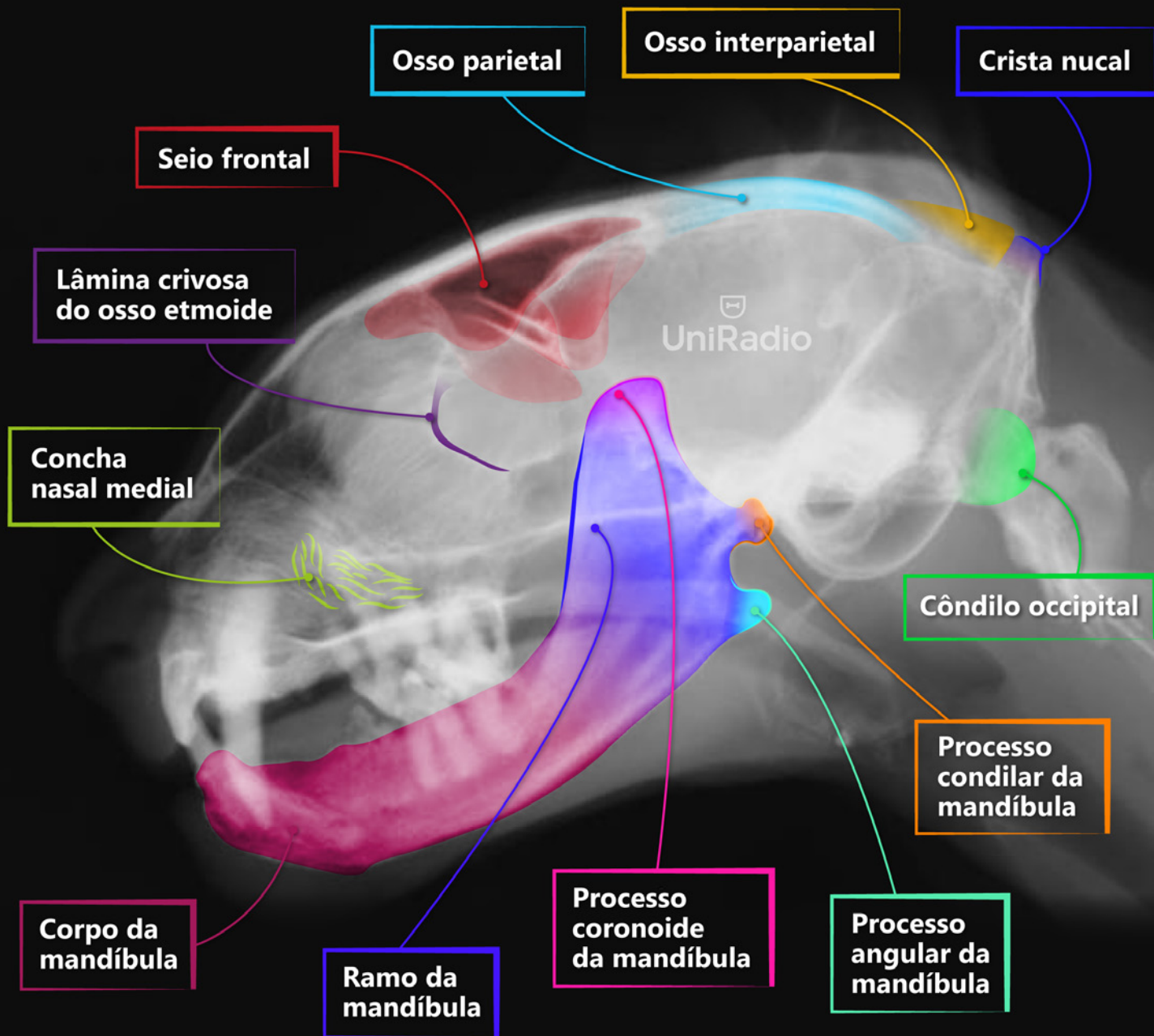
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Lateral felino



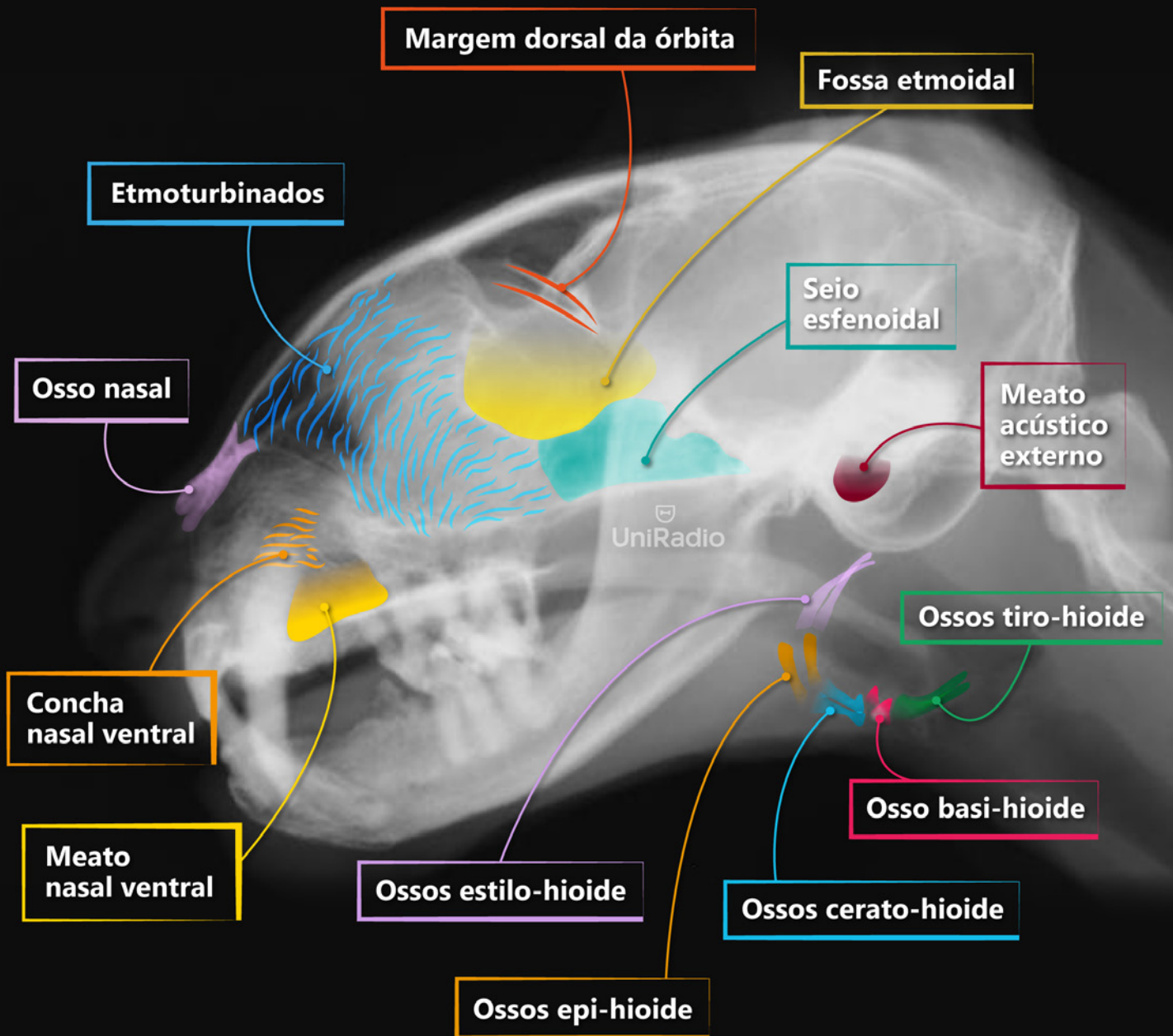
CRÂNIO . GERAL

Lateral felino



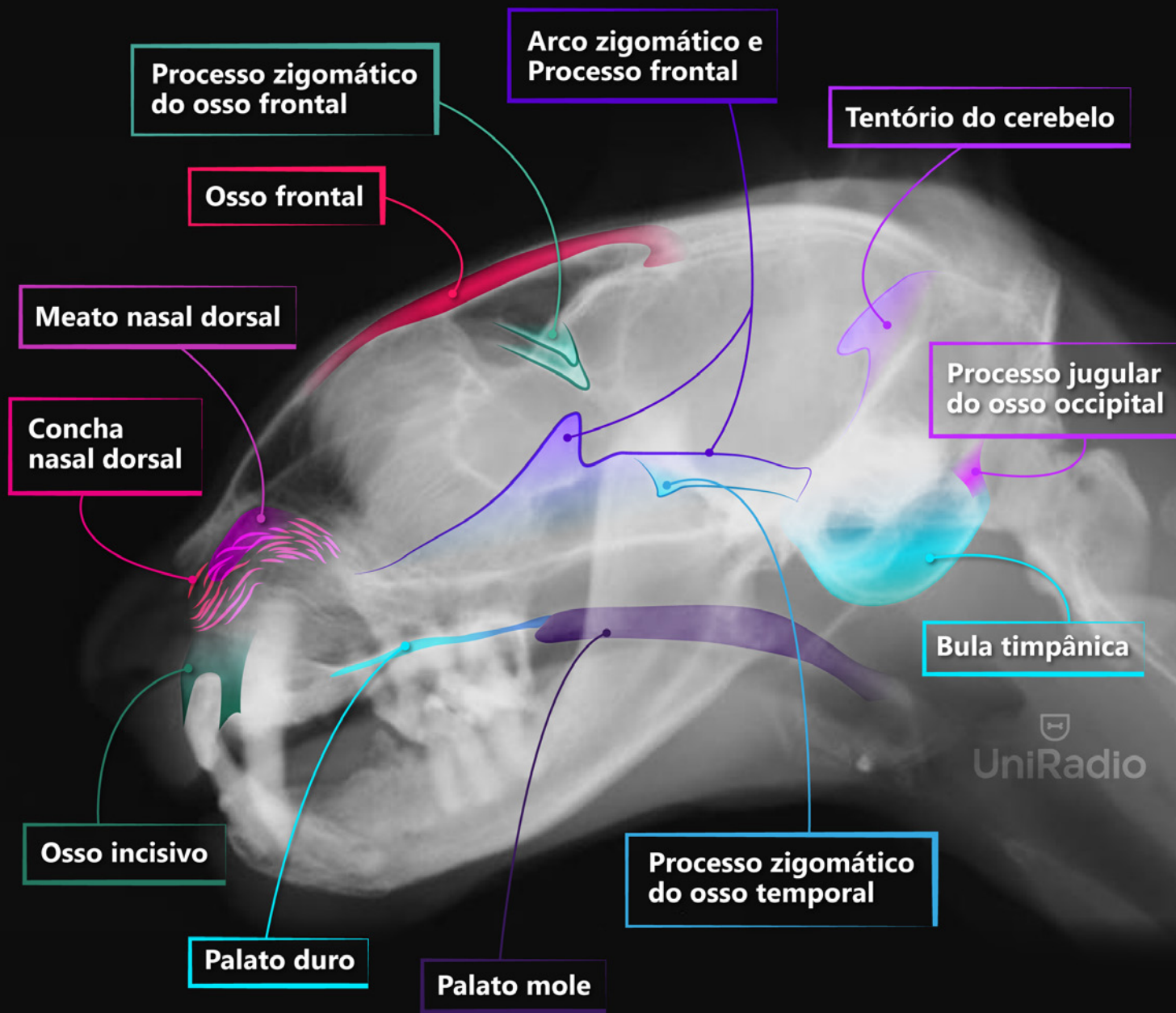
CRÂNIO . GERAL

Lateral felino



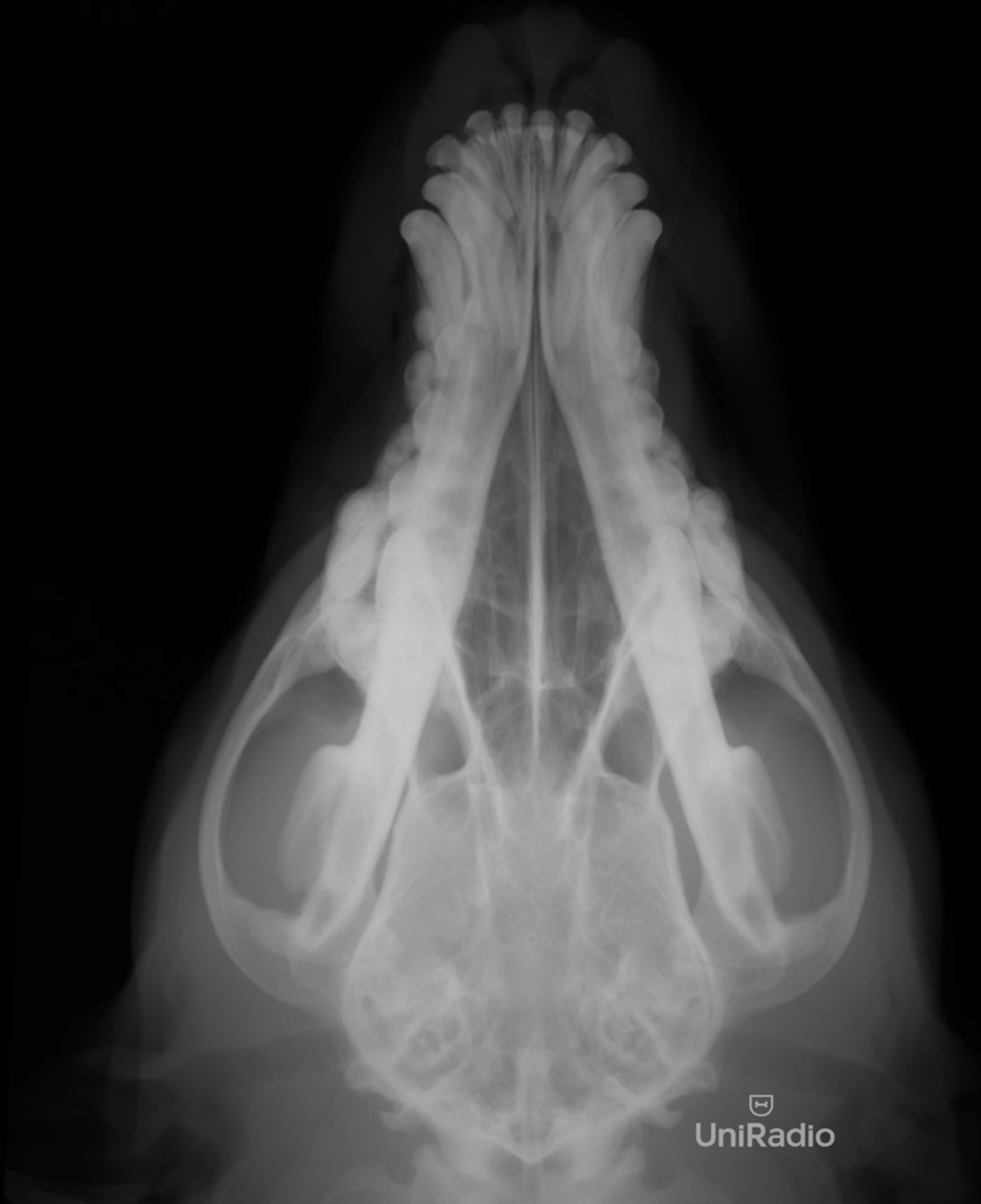
CRÂNIO . GERAL


Lateral felino



CRÂNIO . GERAL

Dorsoventral

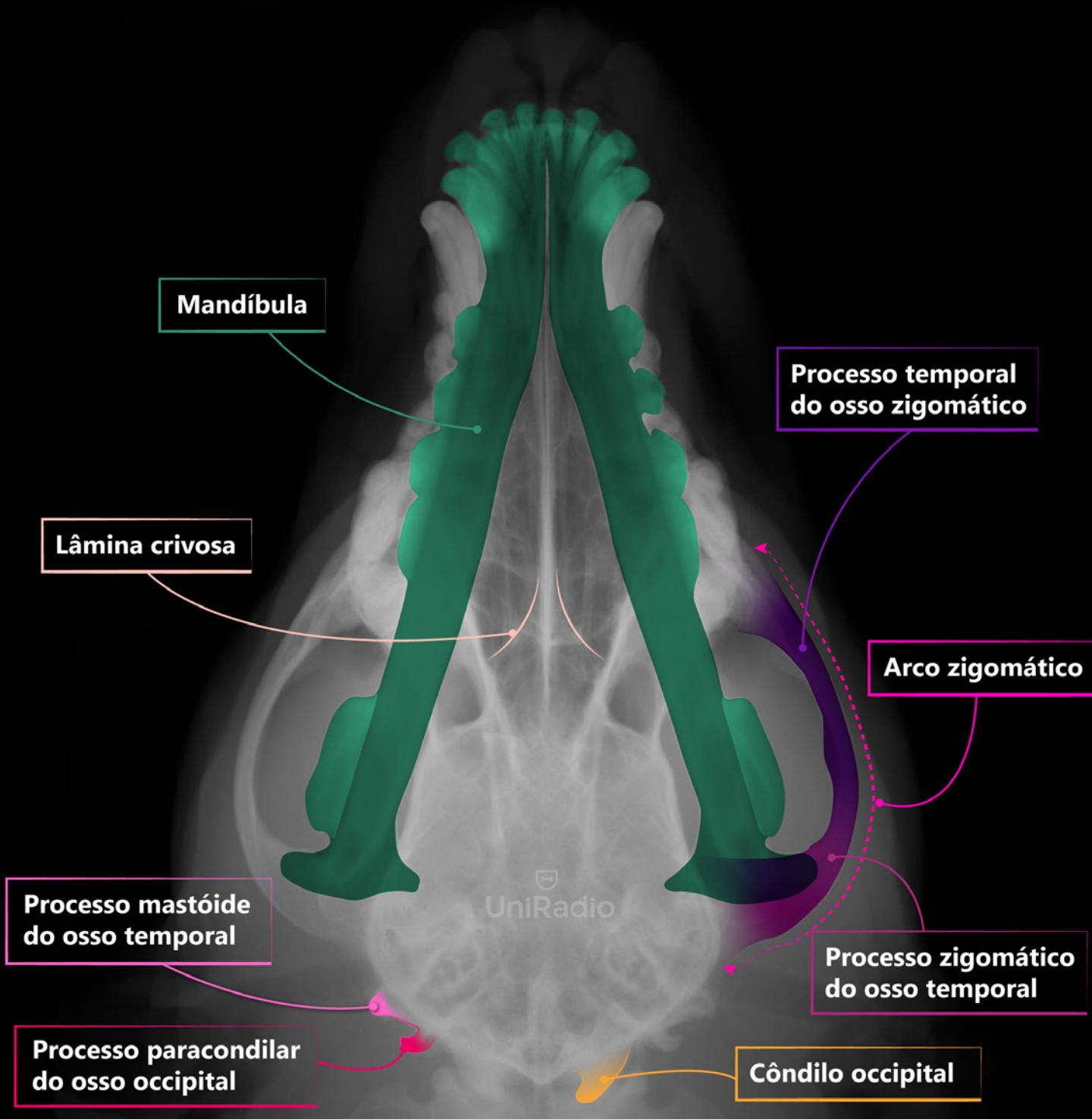


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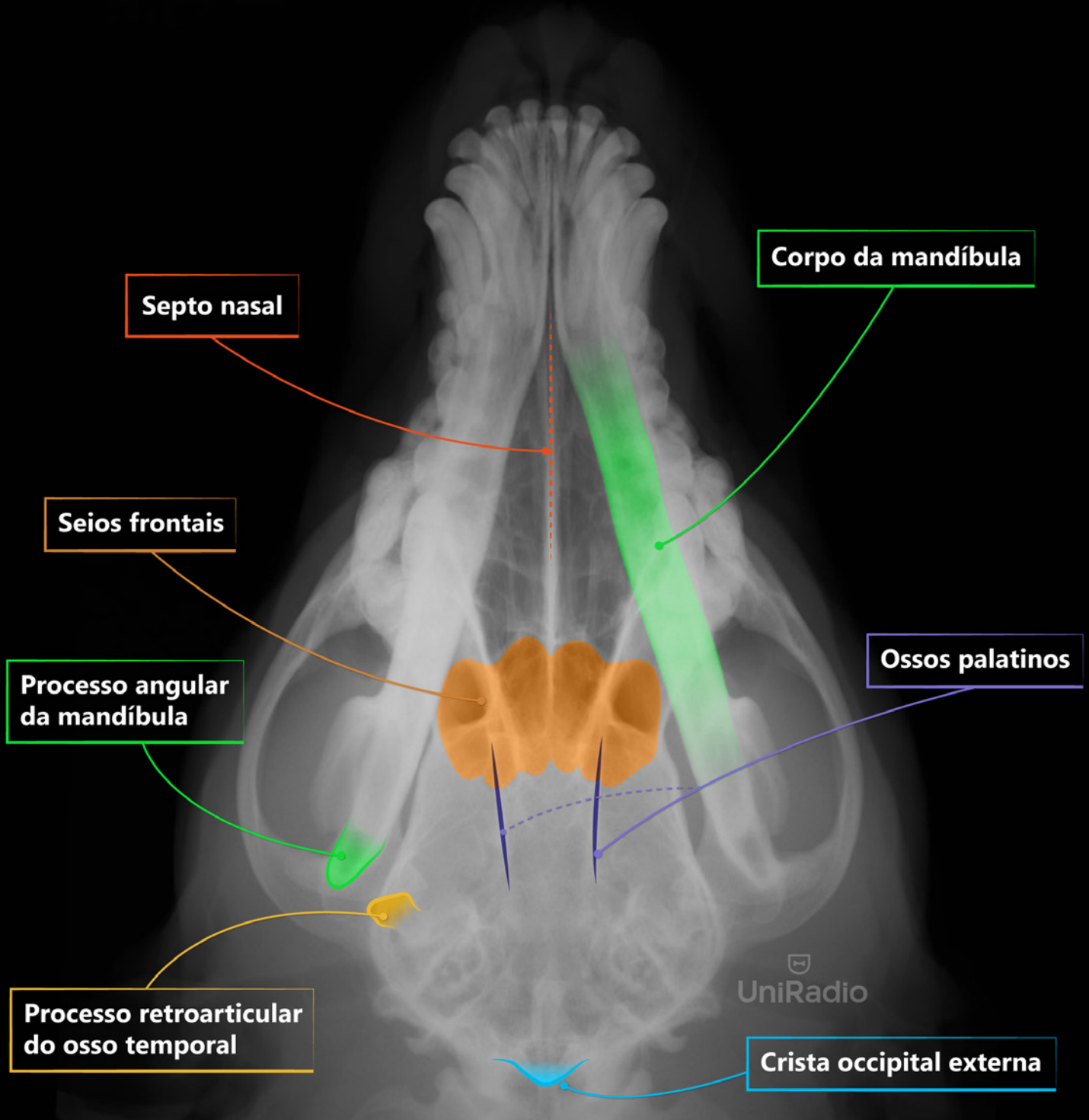
CRÂNIO . GERAL

Dorsoventral



CRÂNIO . GERAL

Dorsoventral



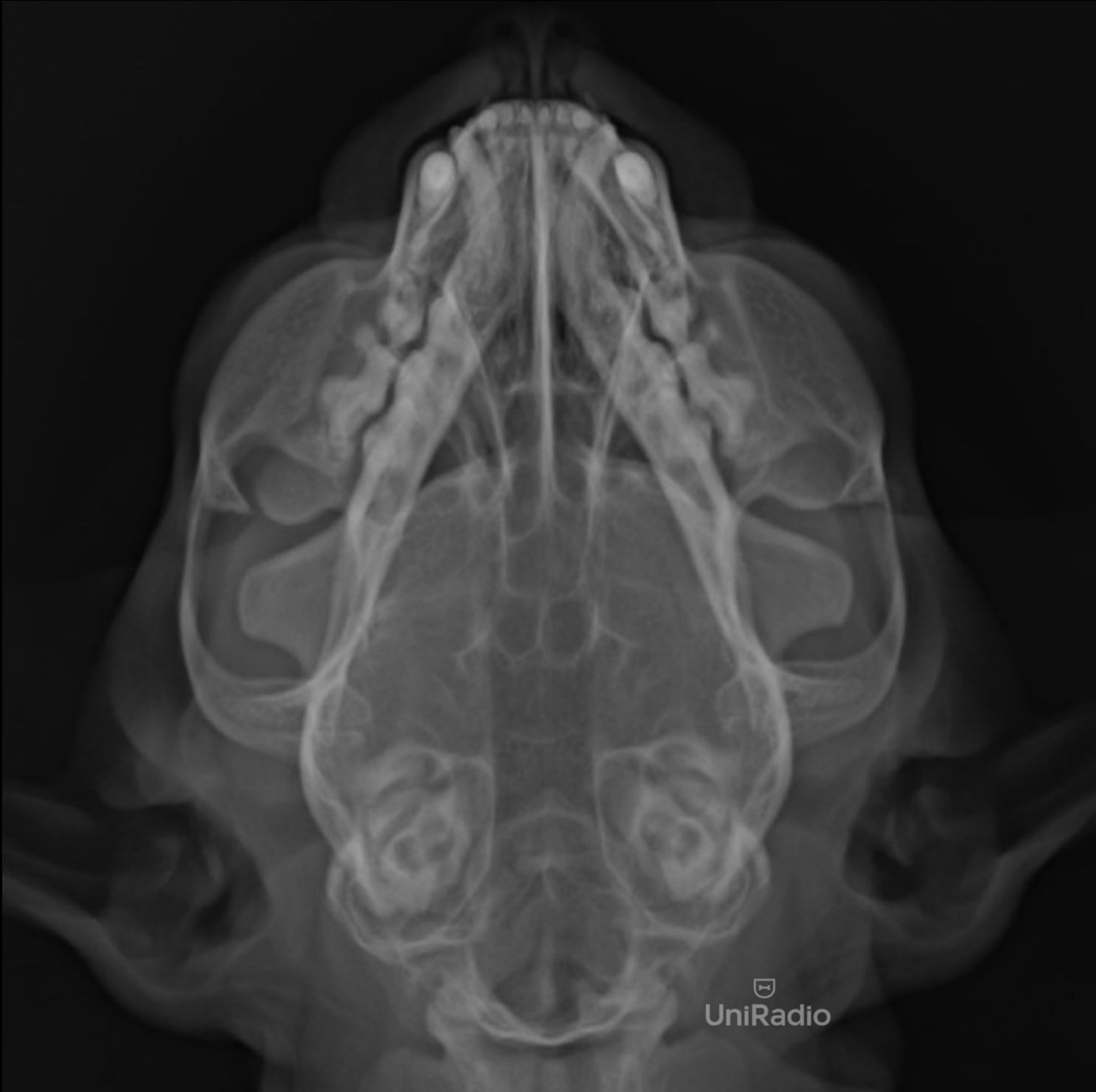
CRÂNIO . GERAL

Dorsoventral



CRÂNIO . GERAL

Dorsoventral felino



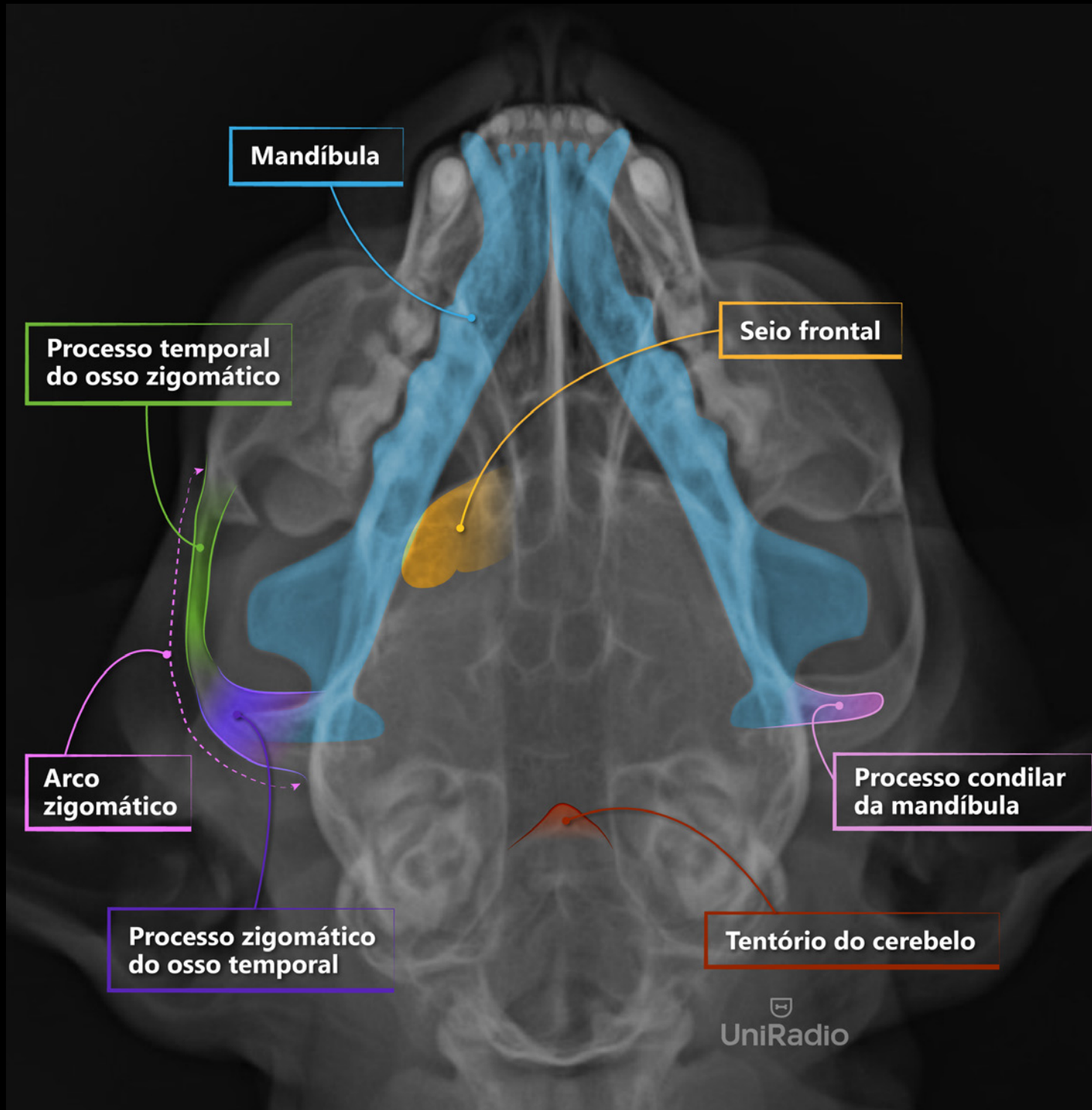
CRÂNIO . GERAL

Dorsoventral felino



CRÂNIO . GERAL

Dorsoventral felino



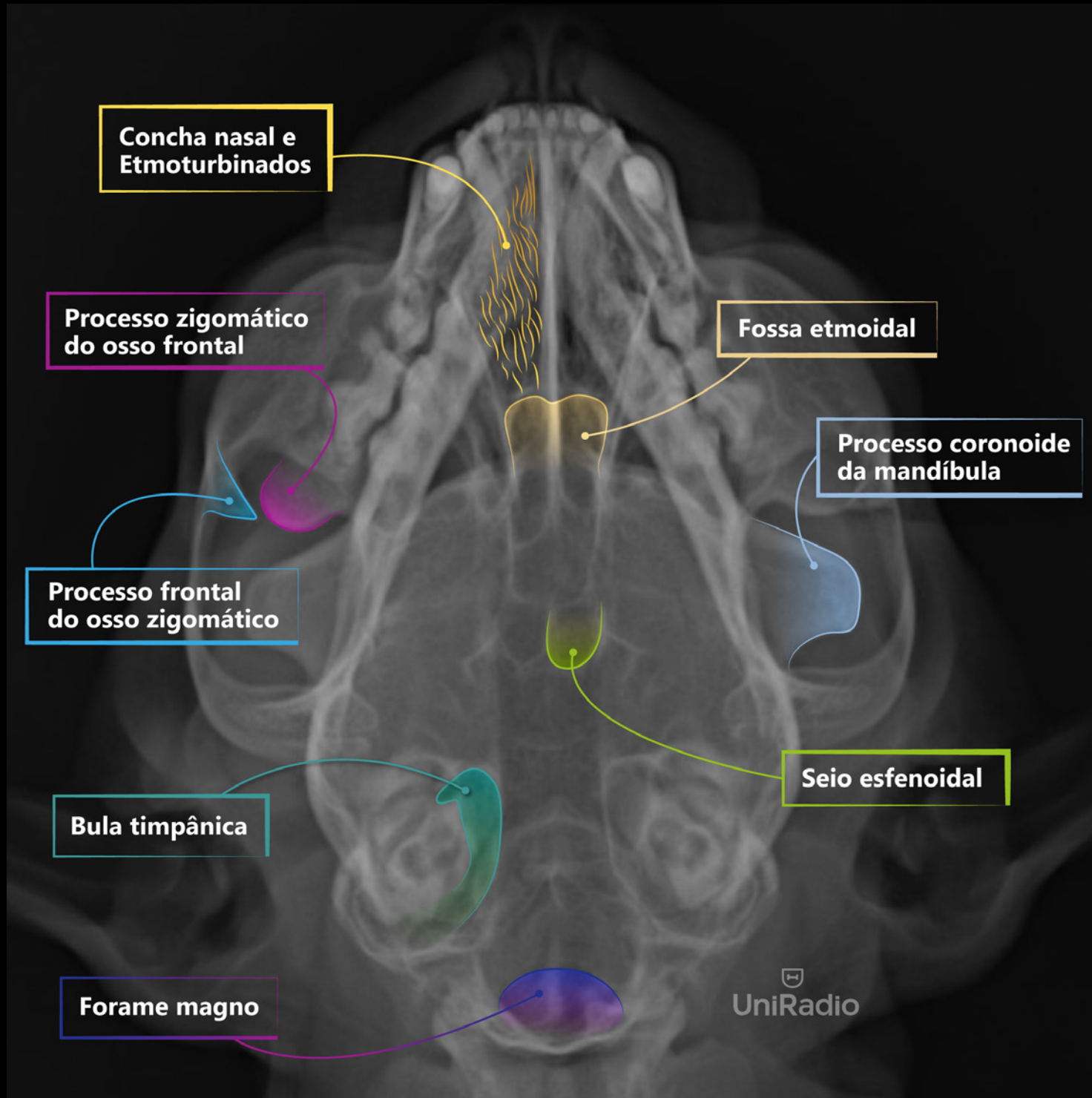
CRÂNIO . GERAL

Dorsoventral felino



CRÂNIO . GERAL


Dorsoventral felino



CRÂNIO . MAXILA E CAVIDADE NASAL

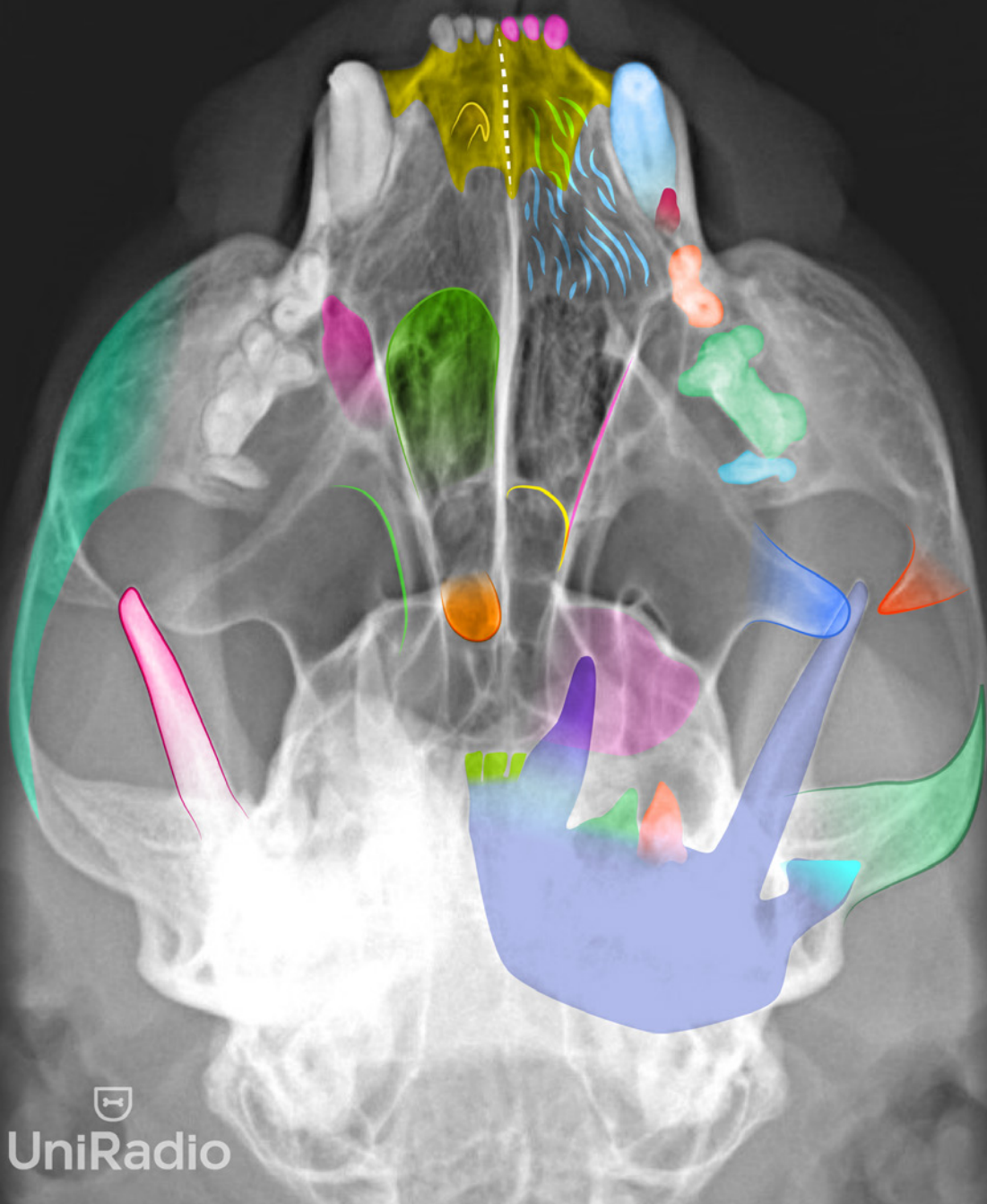
Ventrodorsal com boca aberta felino



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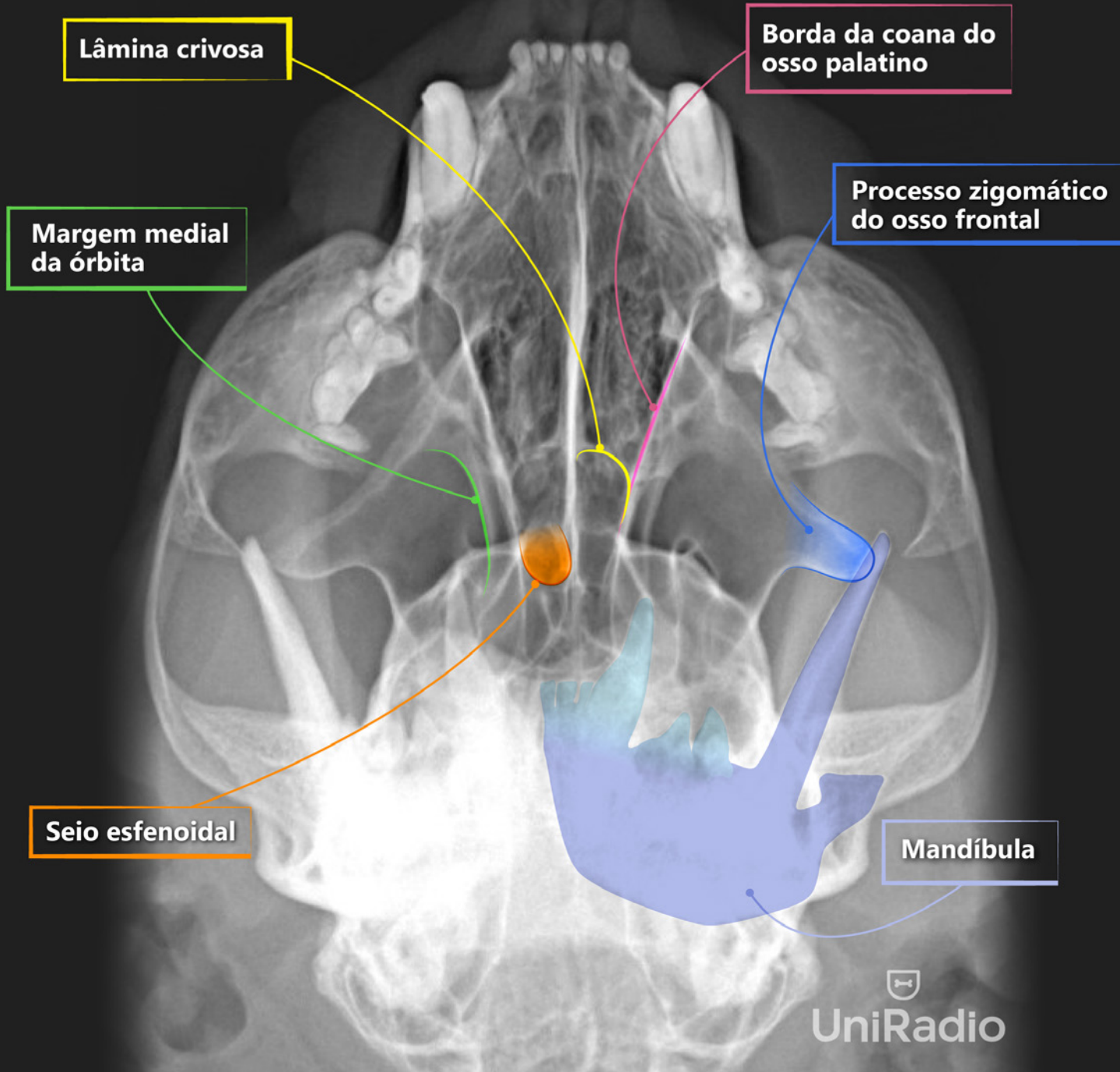
CRÂNIO . MAXILA E CAVIDADE NASAL

Ventrodorsal com boca aberta felino



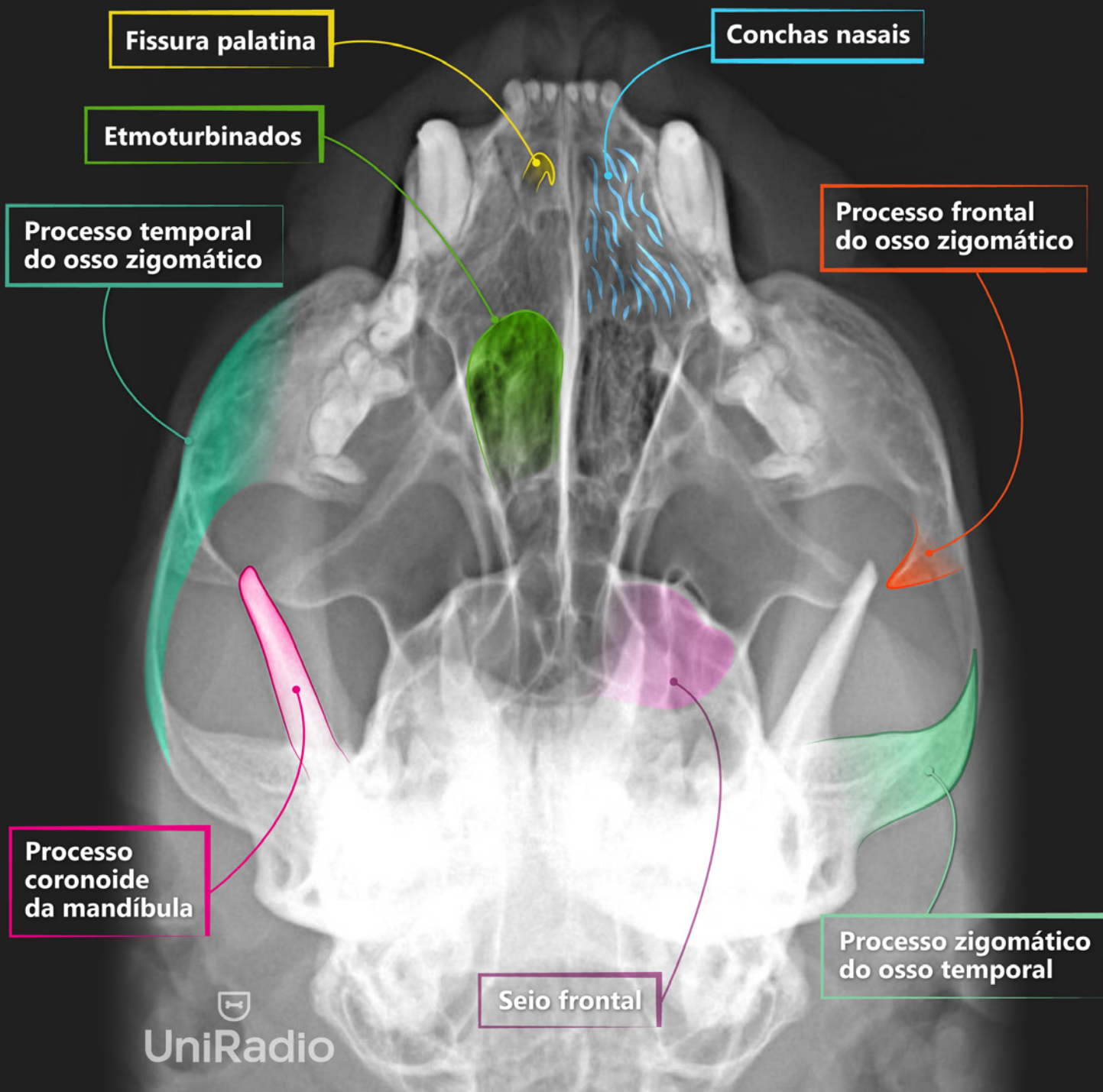
CRÂNIO . MAXILA E CAVIDADE NASAL

Ventrodorsal com boca aberta felino



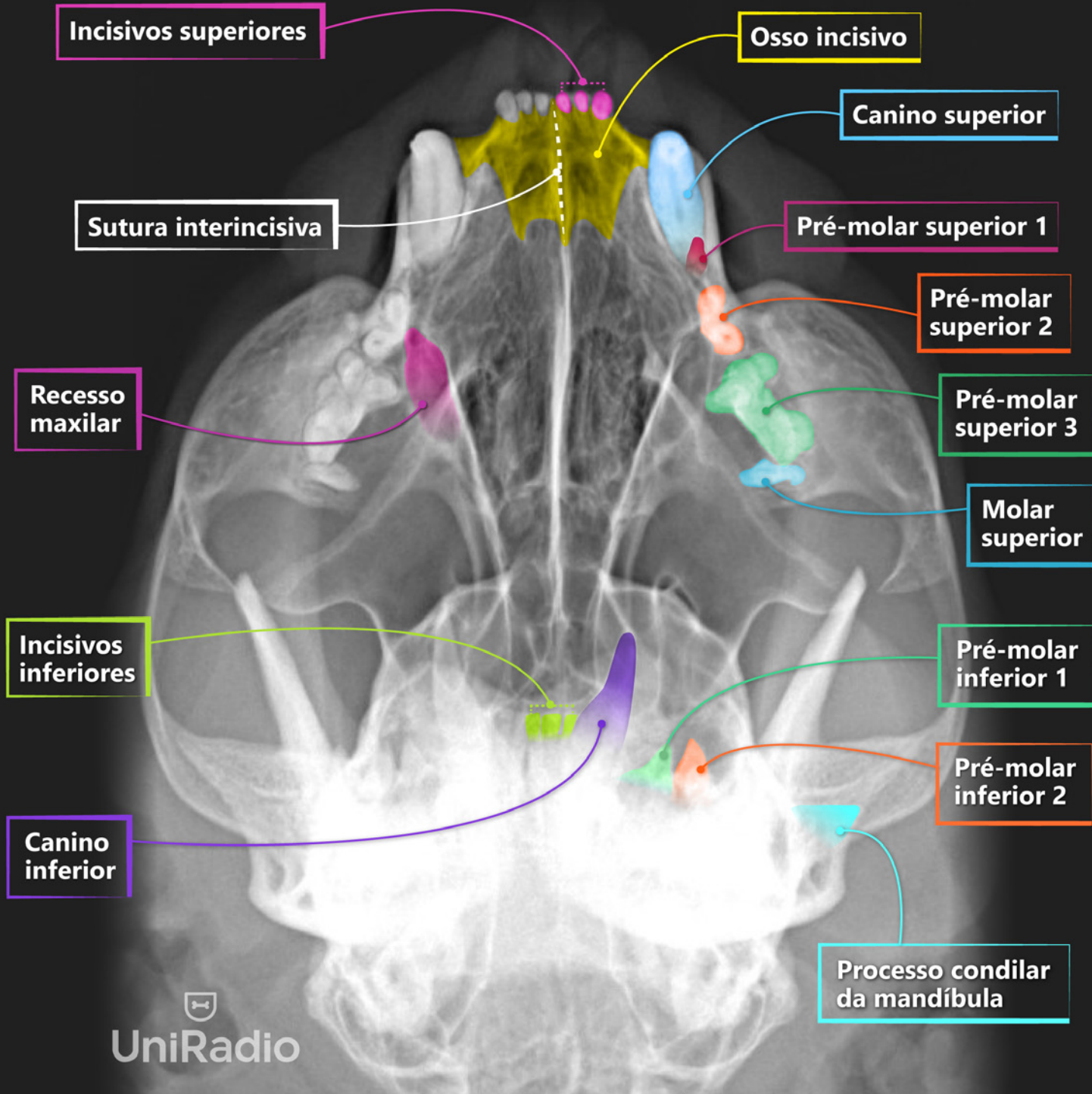
CRÂNIO . MAXILA E CAVIDADE NASAL

Ventrodorsal com boca aberta felino



CRÂNIO . MAXILA E CAVIDADE NASAL

Ventrodorsal com boca aberta felino



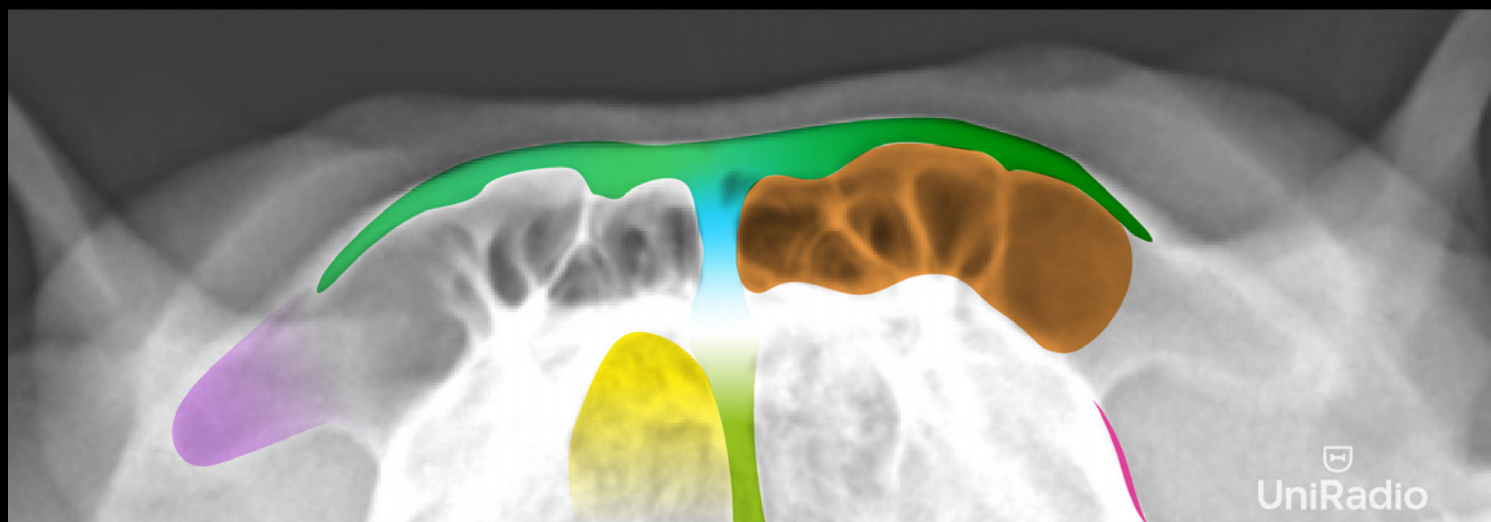
CRÂNIO . SEIOS FRONTAIS

Rostrocaudal



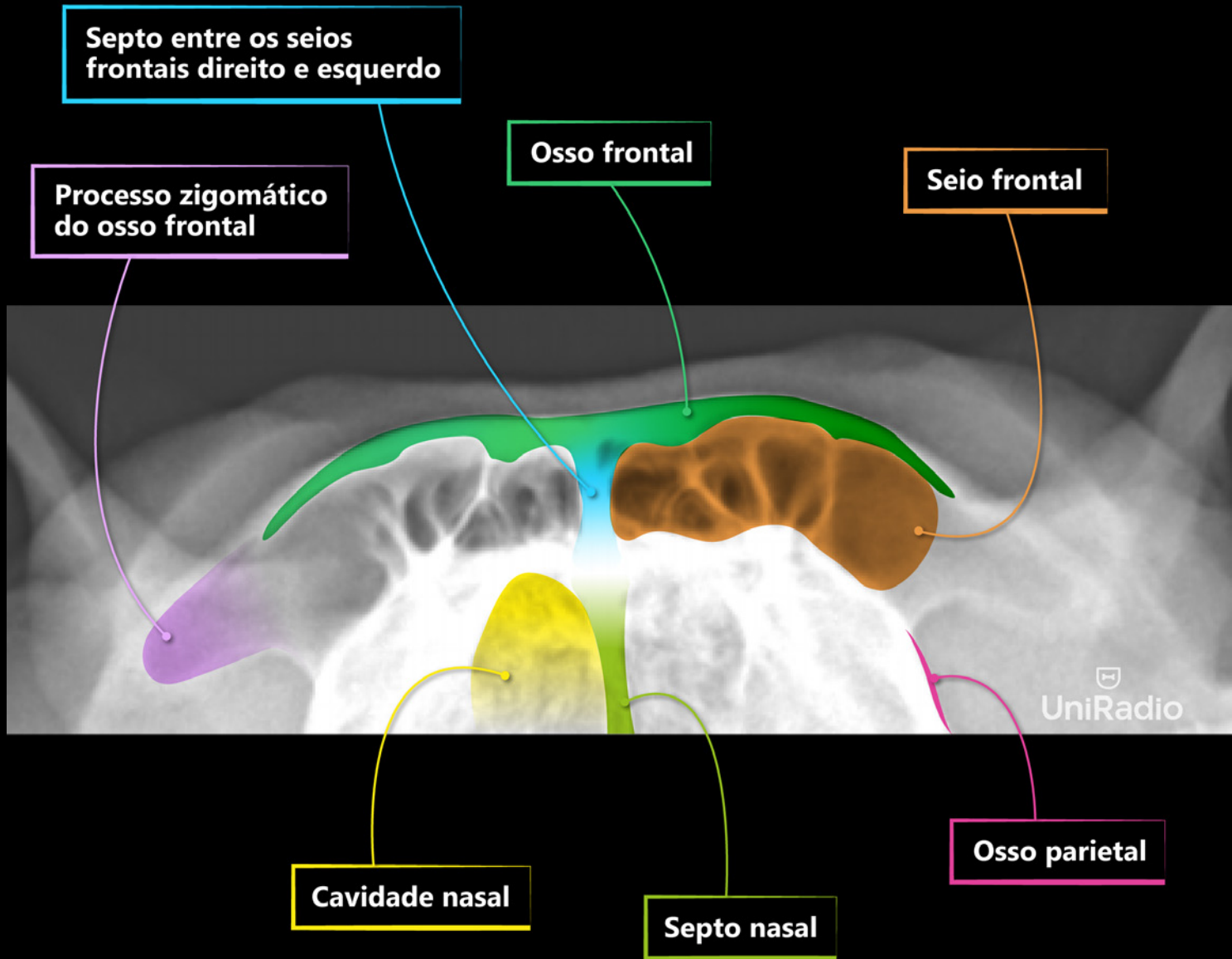
CRÂNIO . SEIOS FRONTAIS

Rostrocaudal



CRÂNIO . SEIOS FRONTAIS

Rostrocaudal



CRÂNIO . PROCESSO ODONTÓIDE

Rostrocaudal com boca aberta

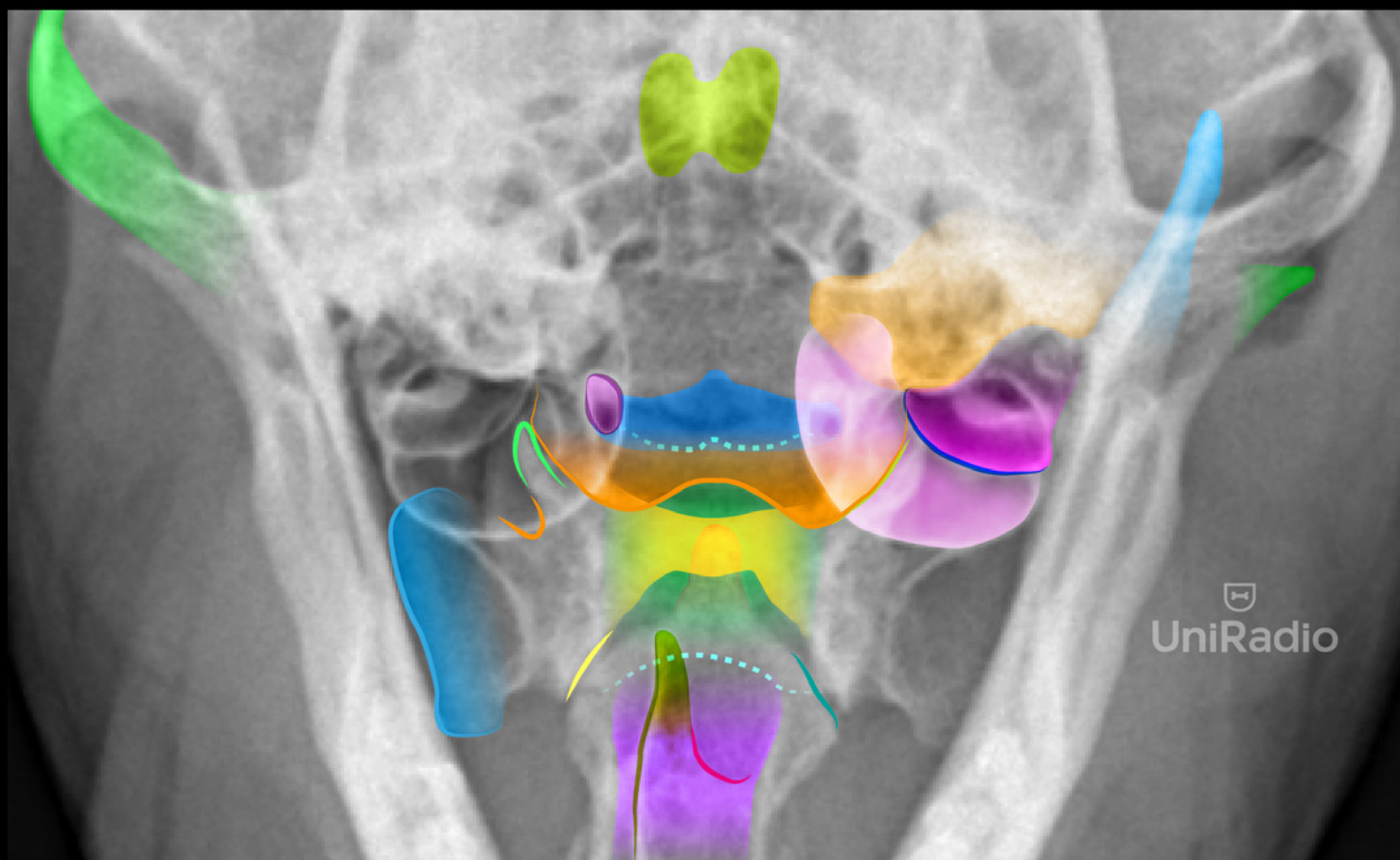


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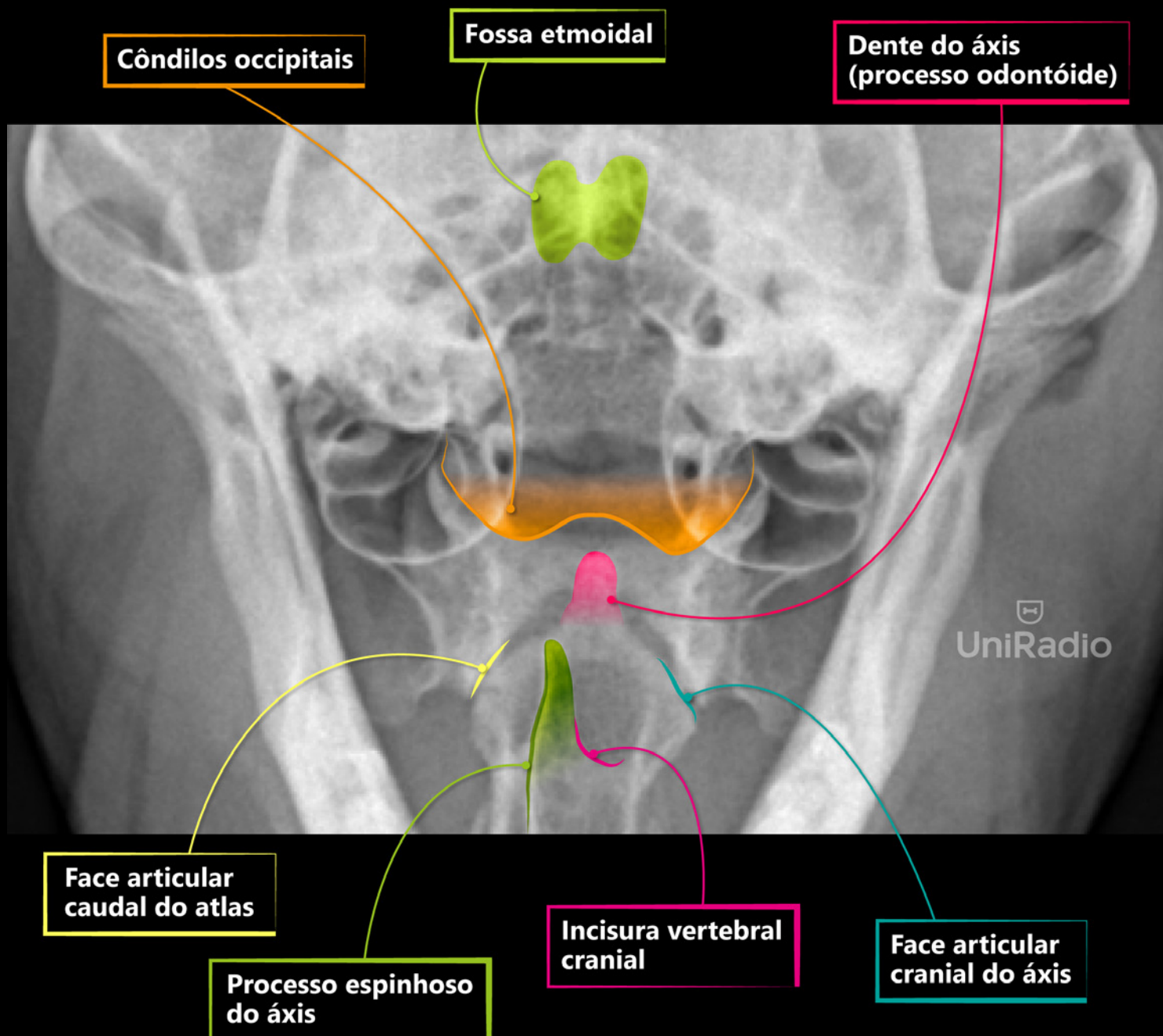
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Rostrocaudal com boca aberta



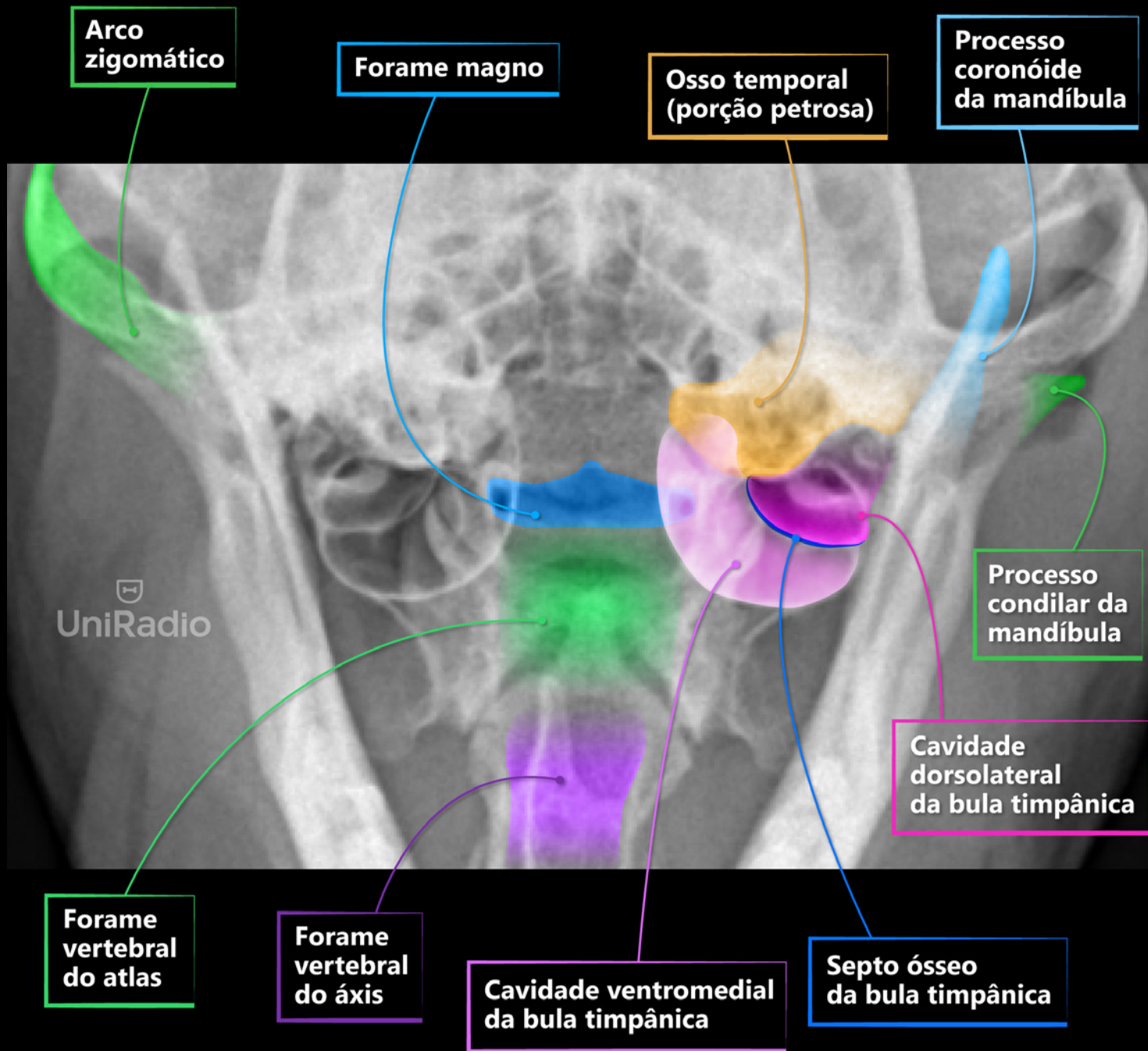
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Rostrocaudal com boca aberta



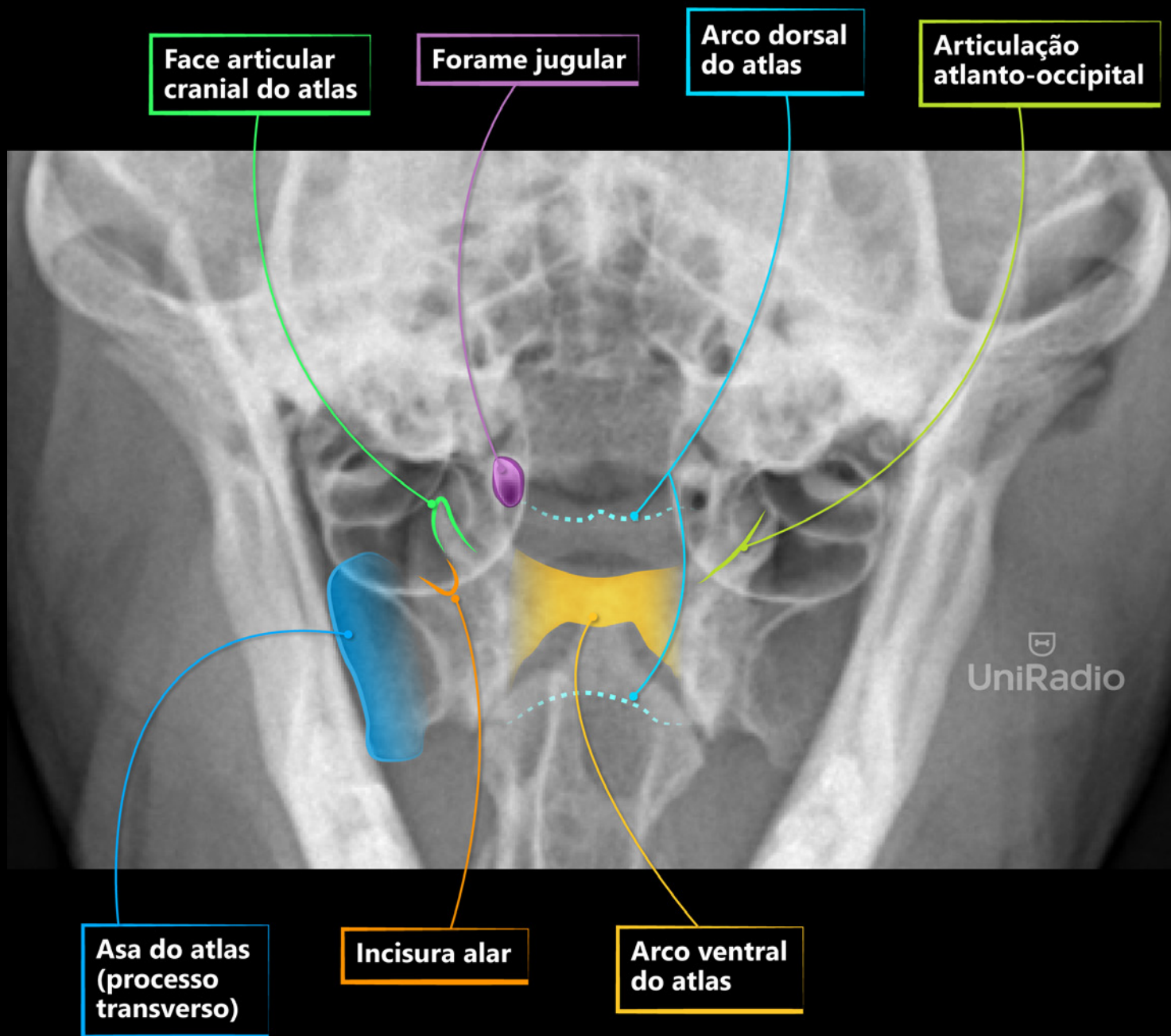
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Rostrocaudal com boca aberta



CRÂNIO . PROCESSO ODONTÓIDE

Rostrocaudal com boca aberta



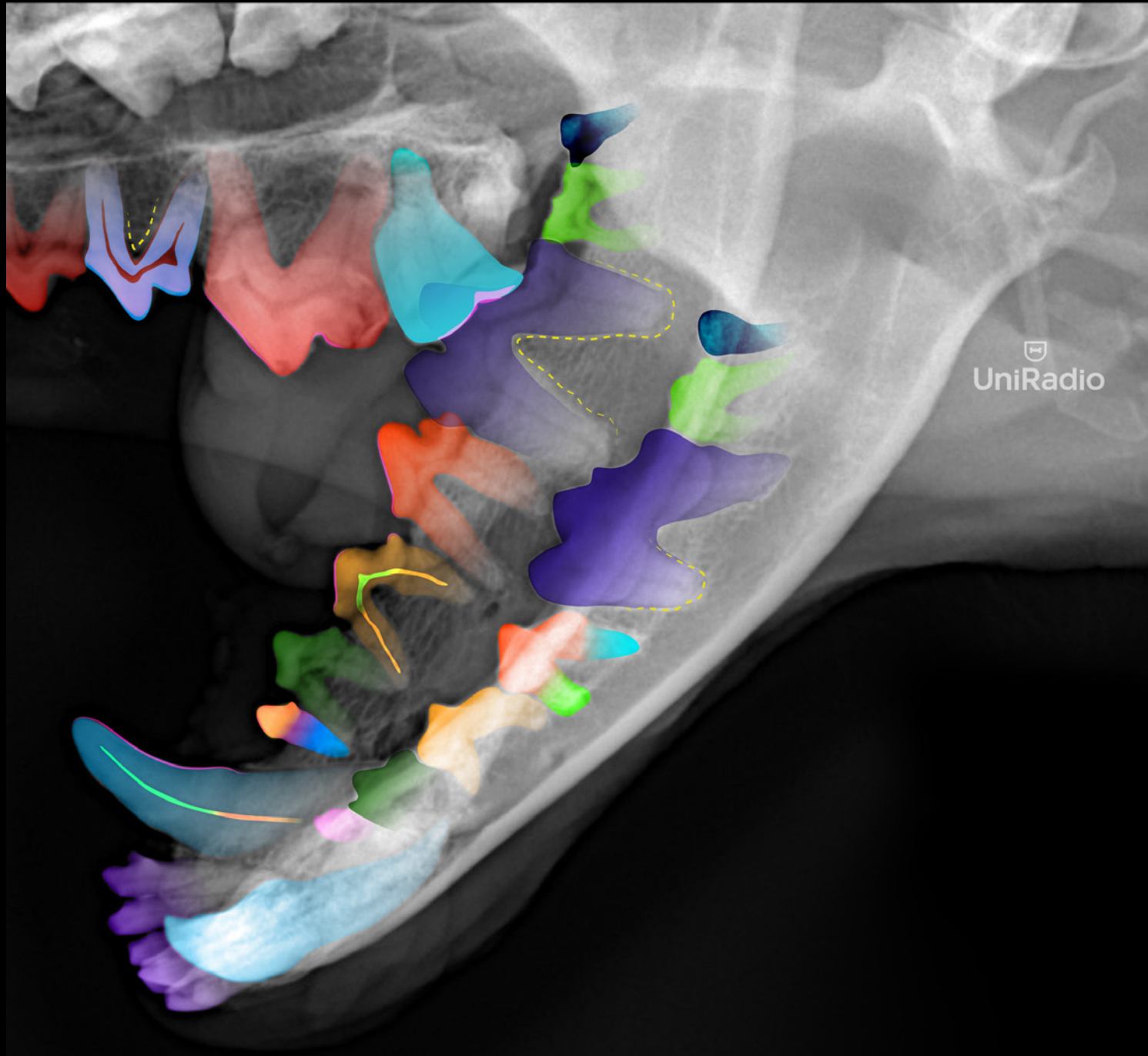
CRÂNIO . MANDÍBULA E DENTES INFERIORES

Lateral oblíqua com boca aberta



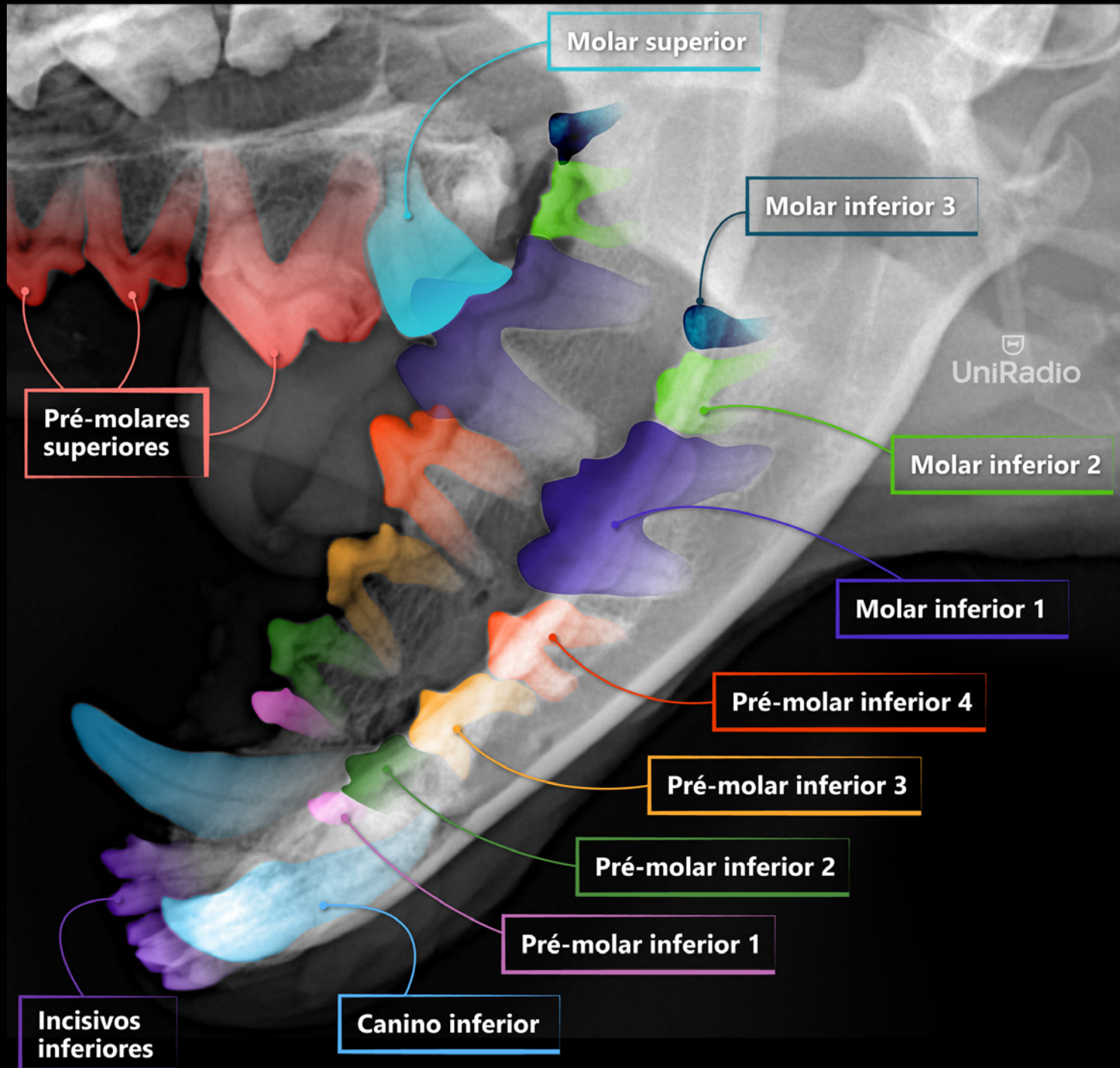
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Lateral oblíqua com boca aberta



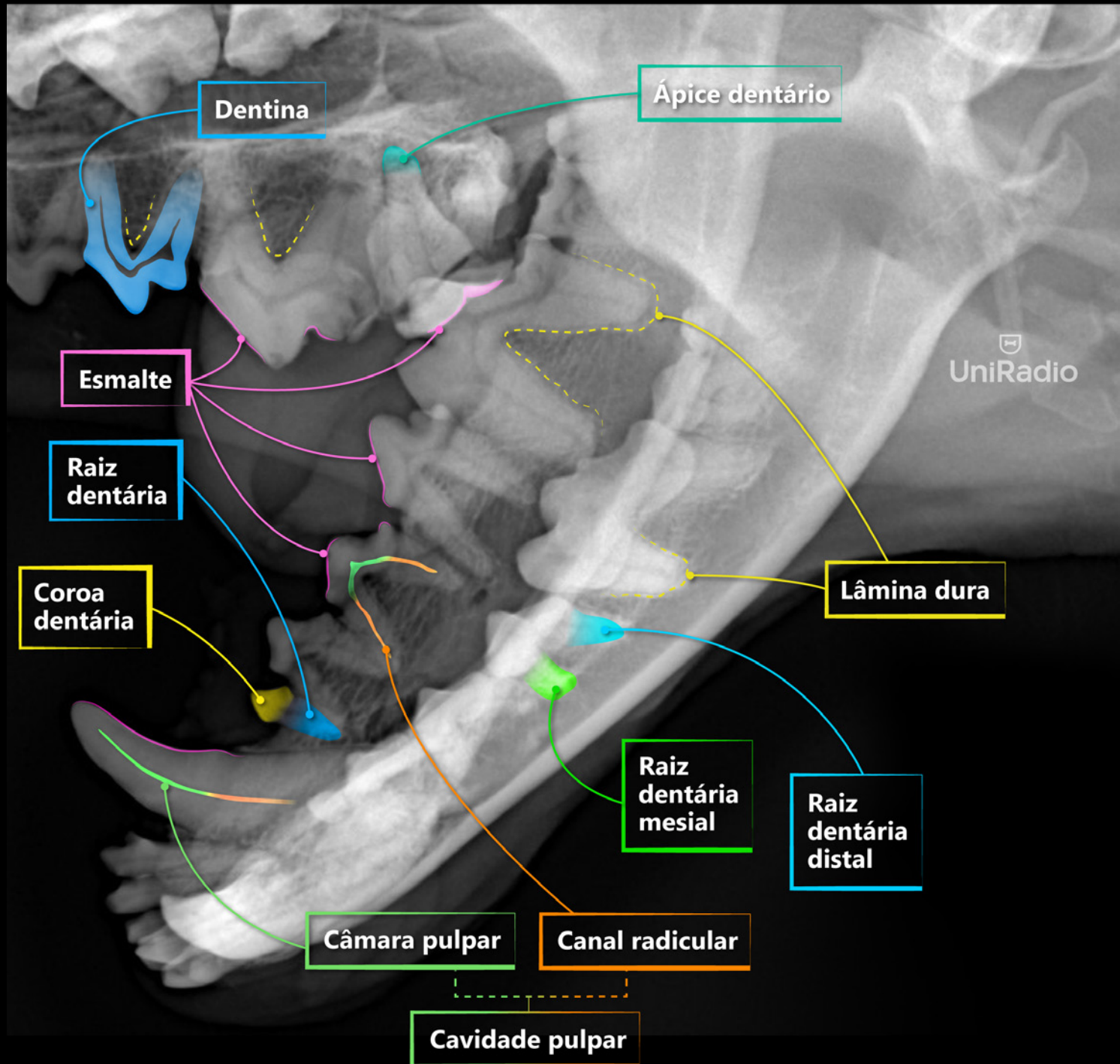
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Lateral oblíqua com boca aberta



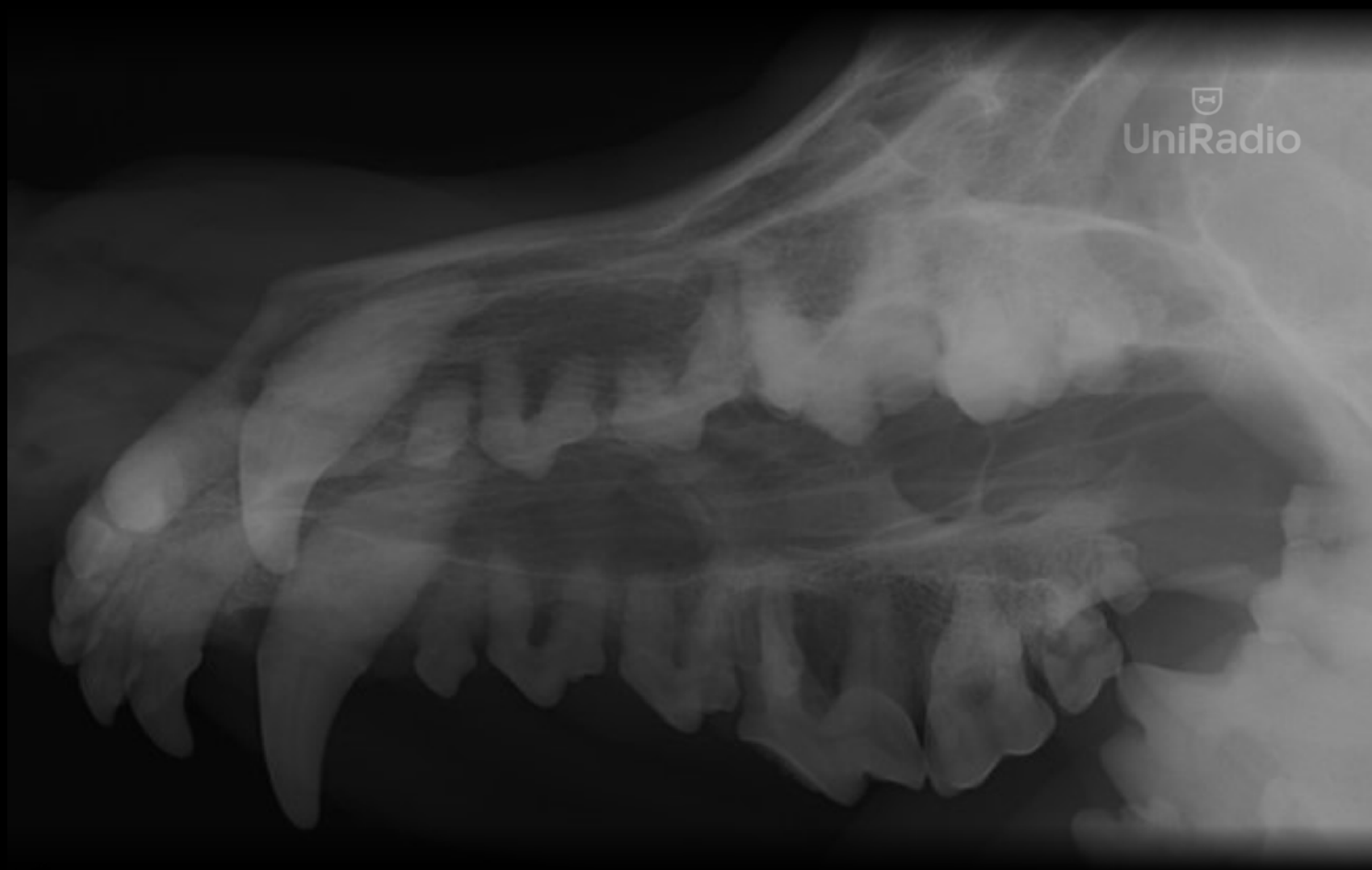
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Lateral oblíqua com boca aberta



CRÂNIO . MAXILA E DENTES SUPERIORES

Lateral oblíqua com boca aberta

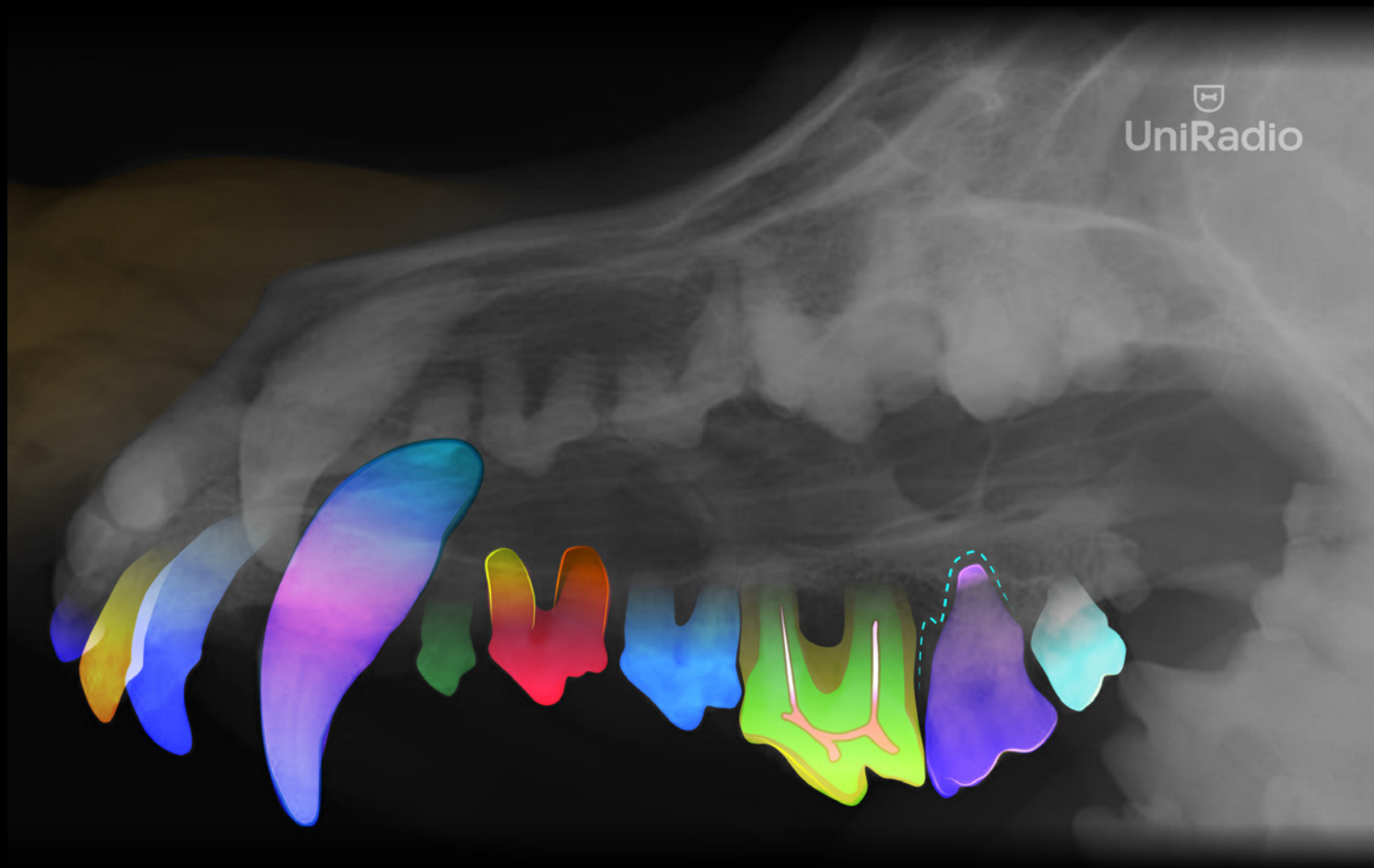


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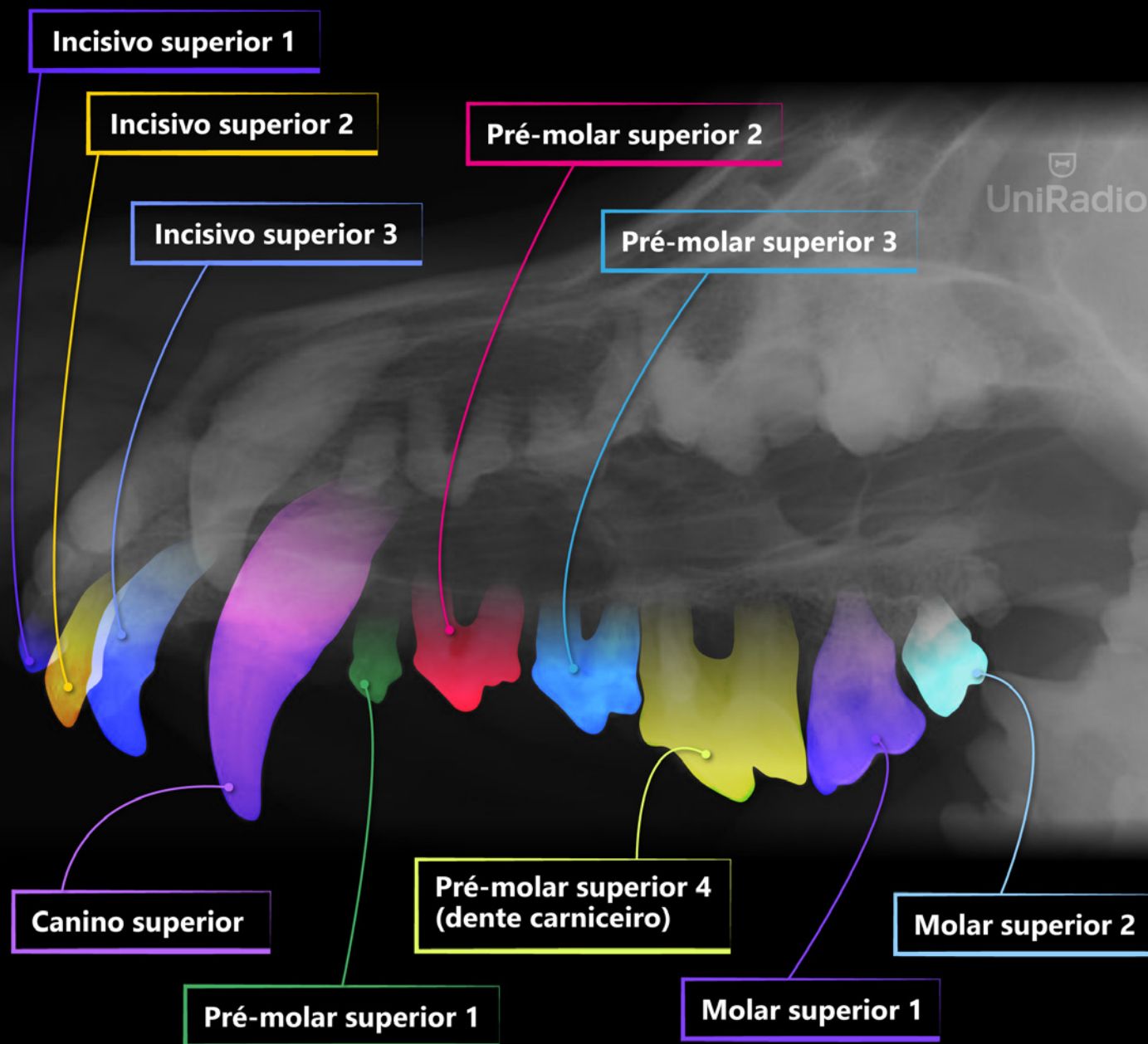
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Lateral oblíqua com boca aberta



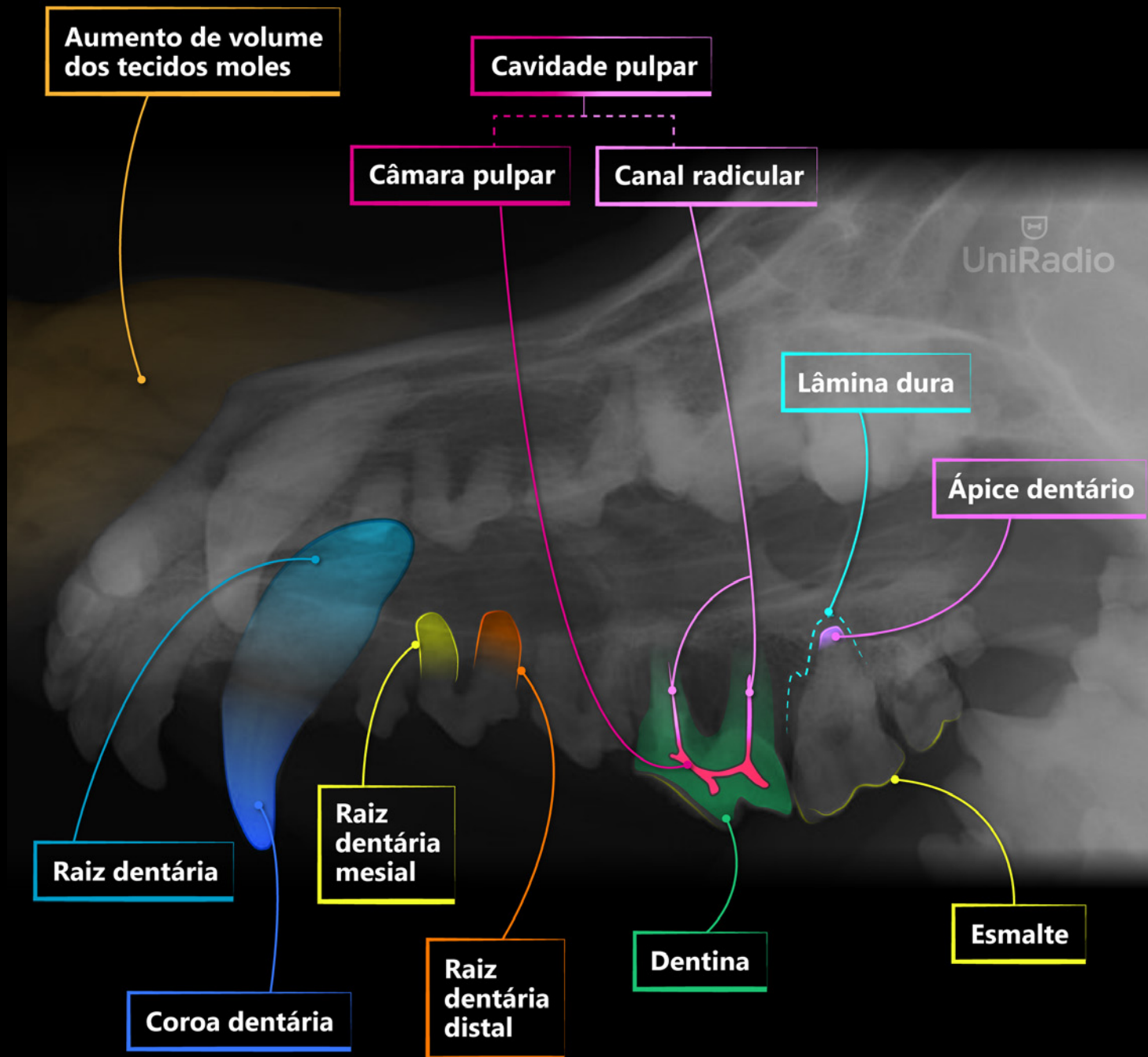
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Lateral oblíqua com boca aberta



CRÂNIO . MAXILA E DENTES SUPERIORES

Lateral oblíqua com boca aberta

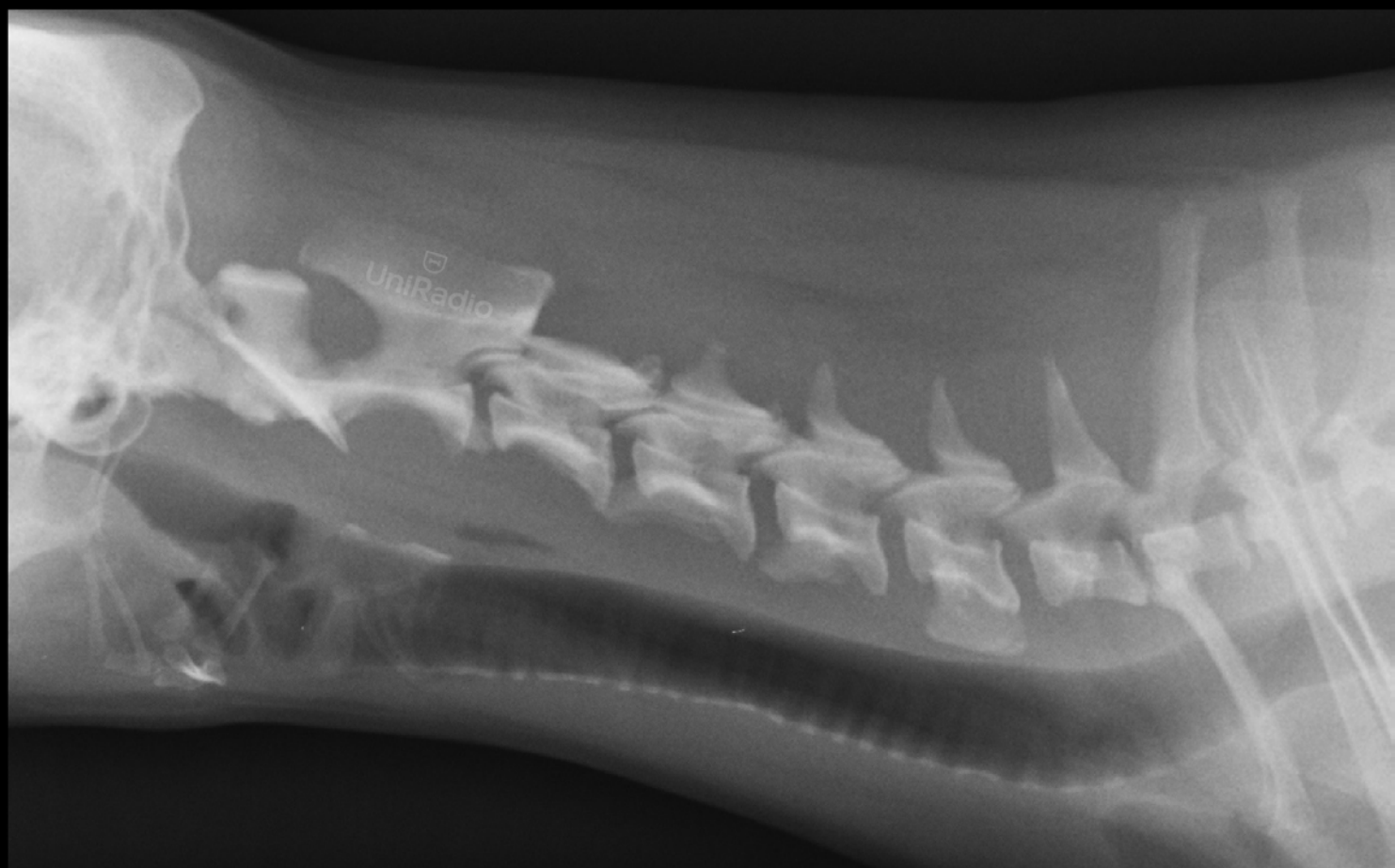


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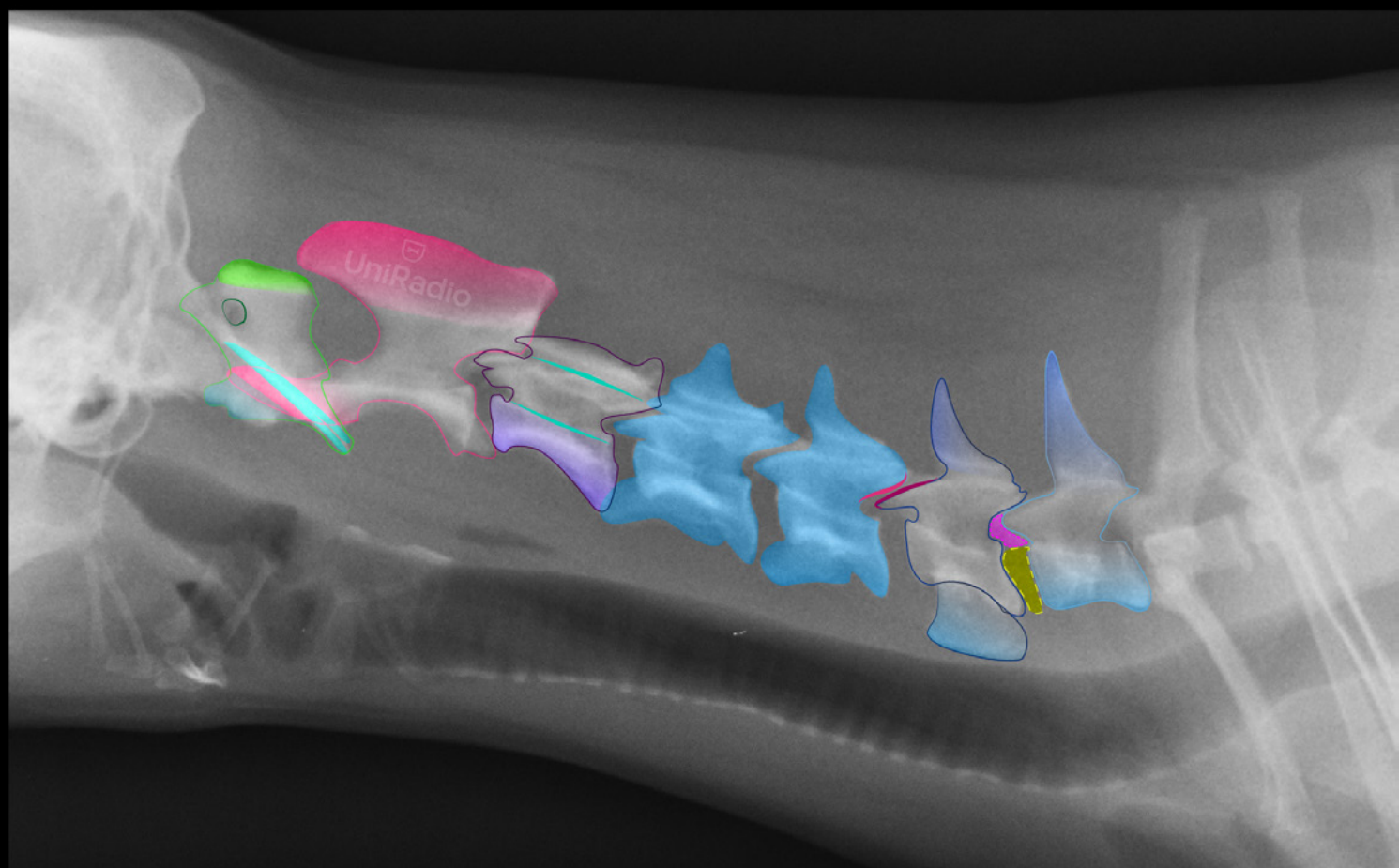
COLUNA VERTEBRAL . CERVICAL

Lateral



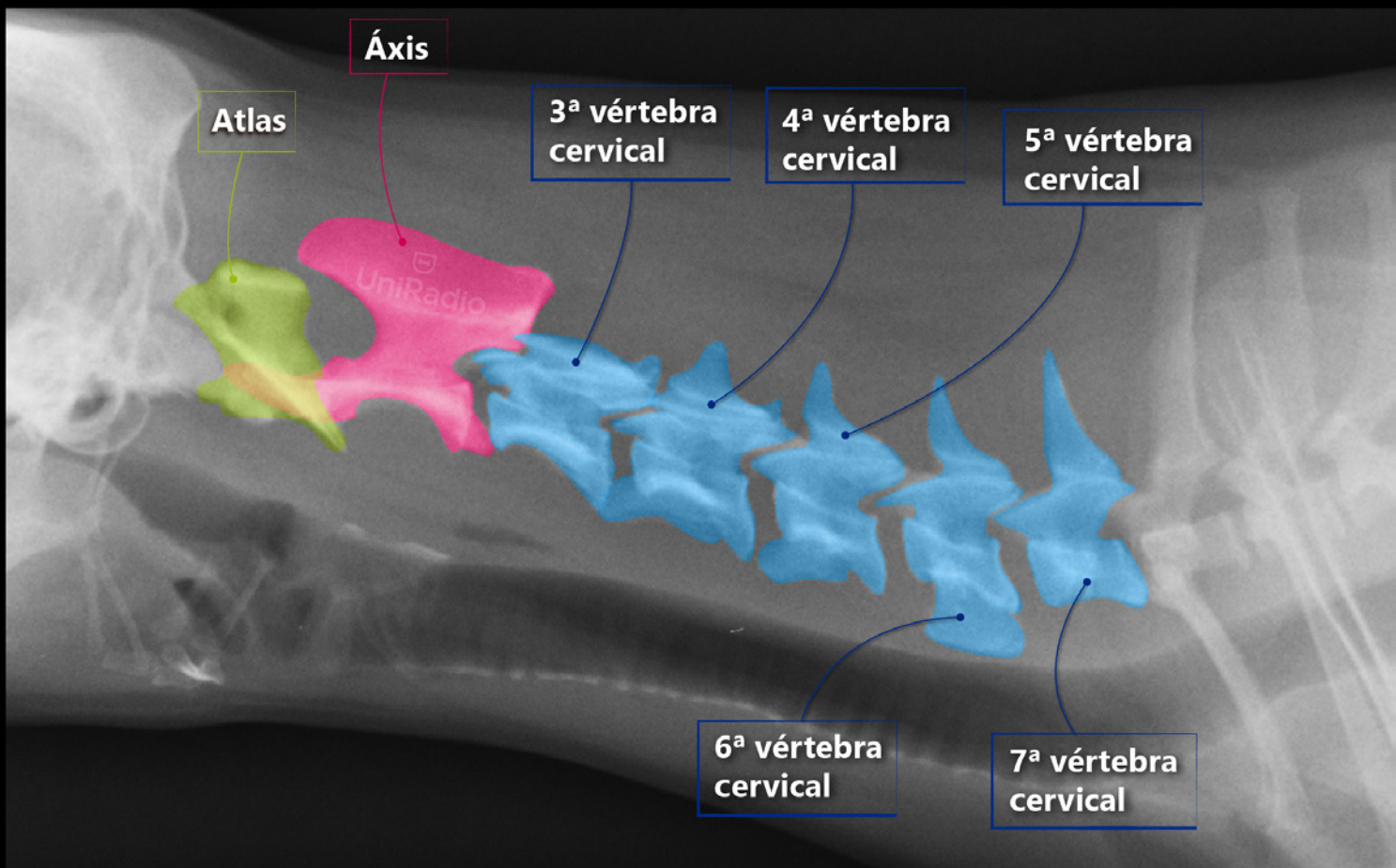
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Lateral



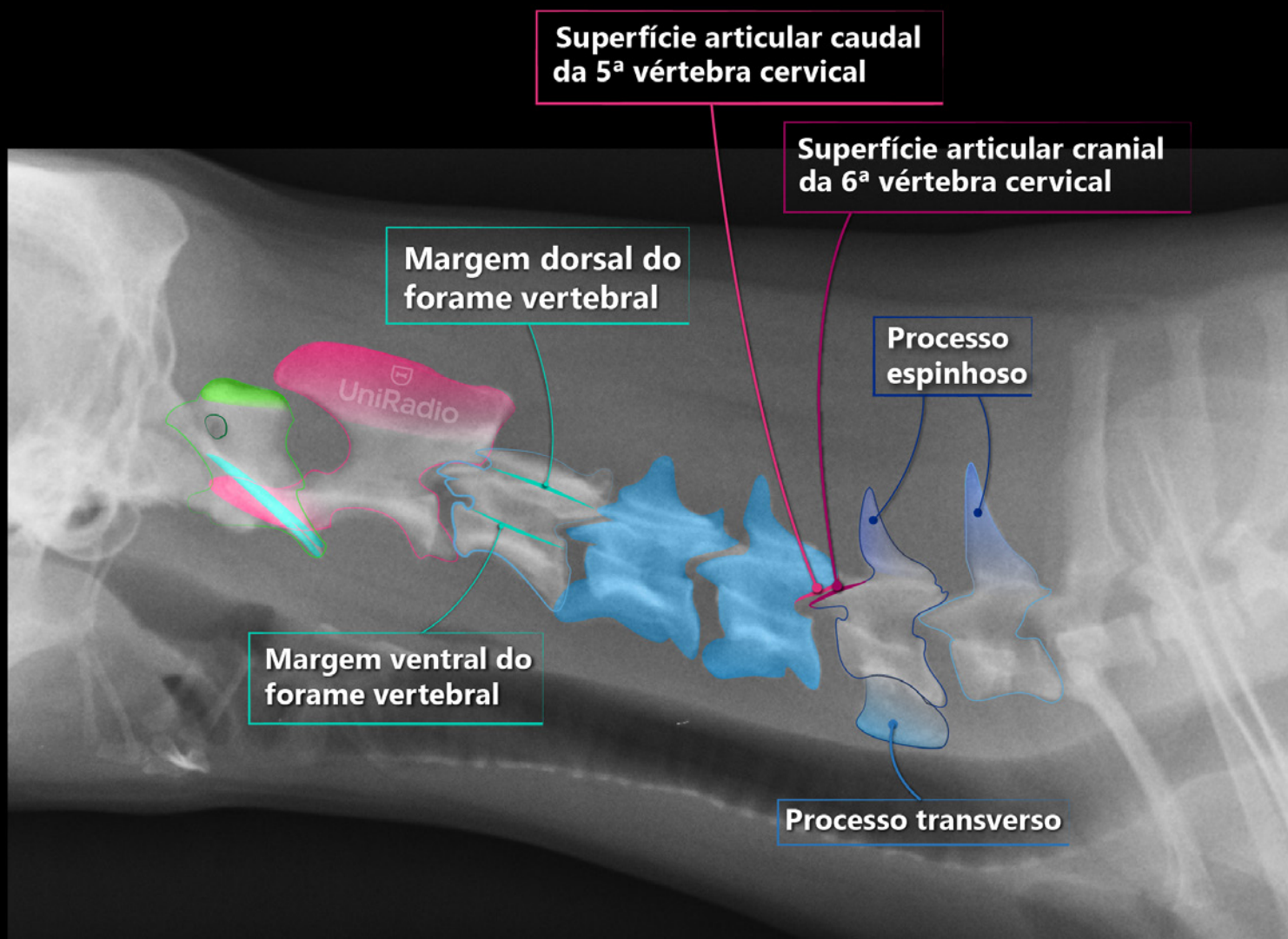
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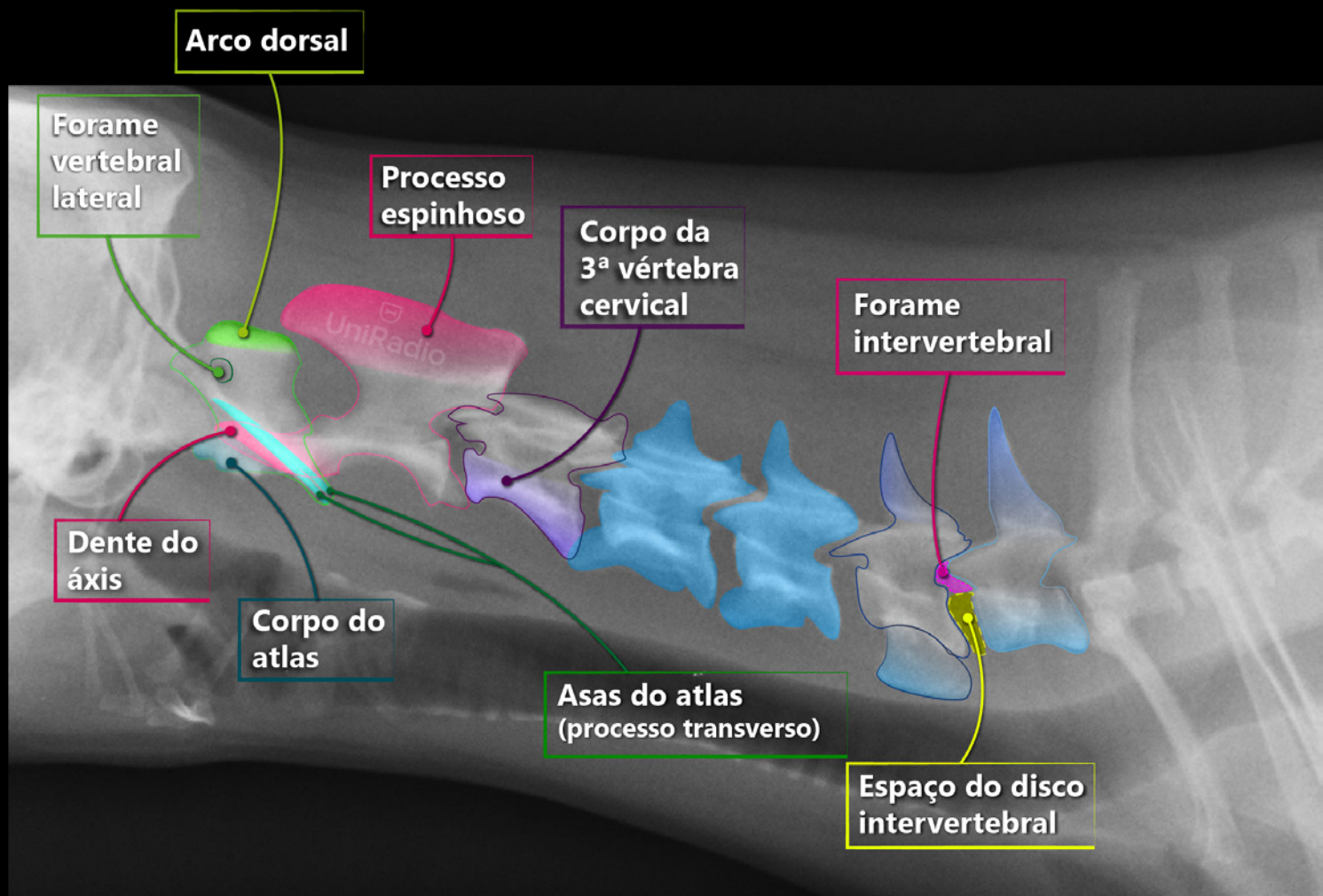
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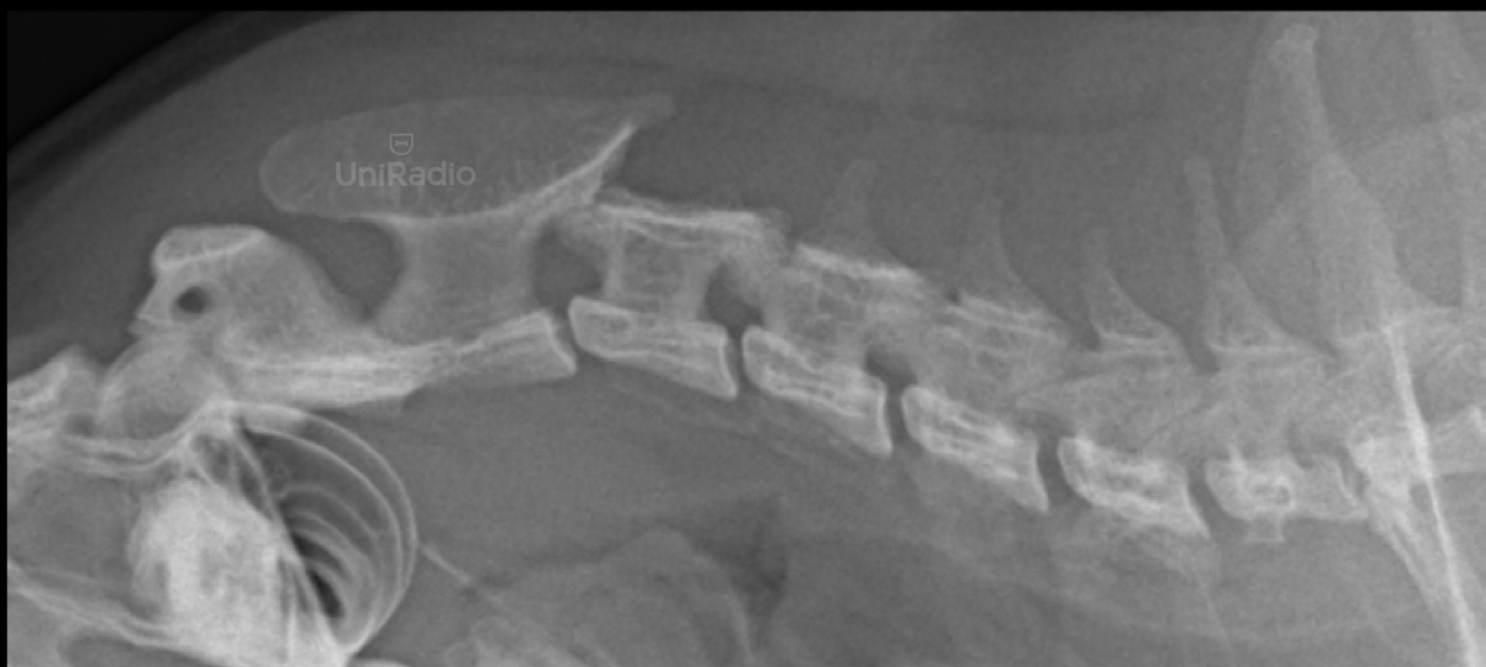
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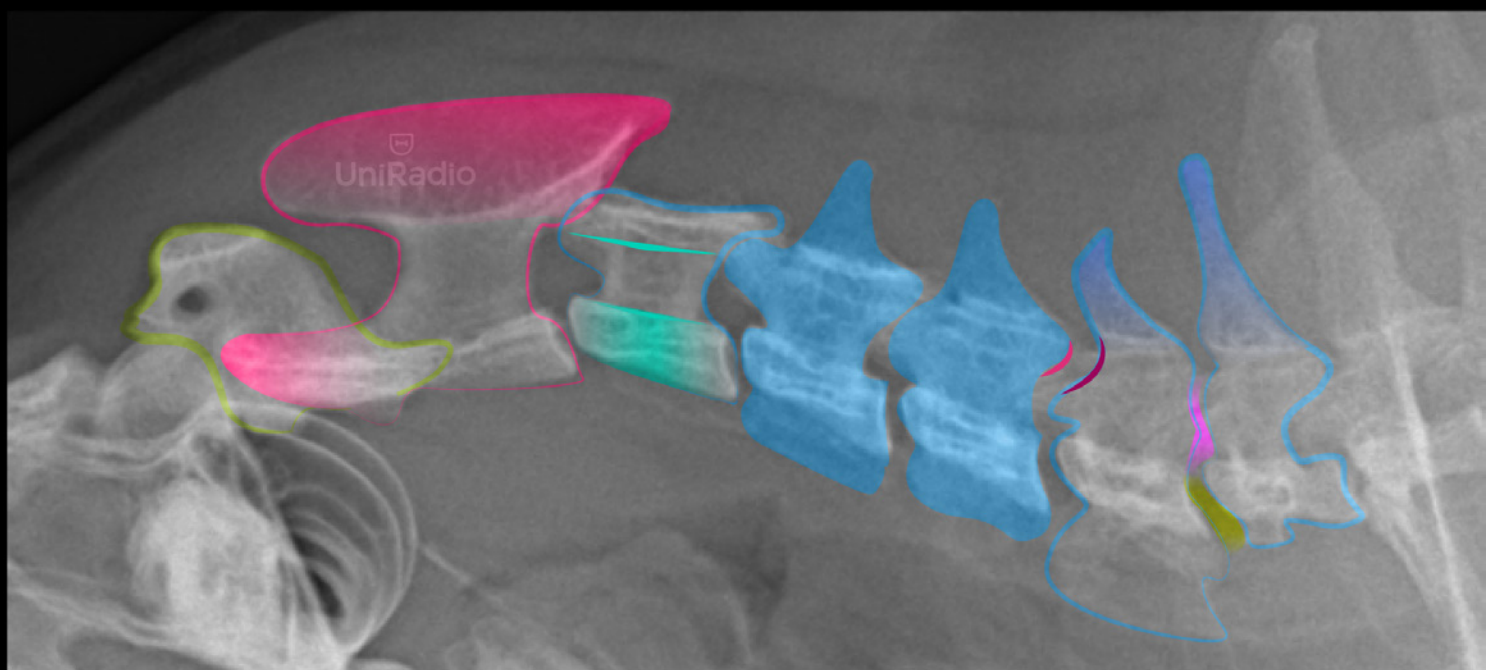
COLUNA VERTEBRAL . CERVICAL

Lateral com flexão



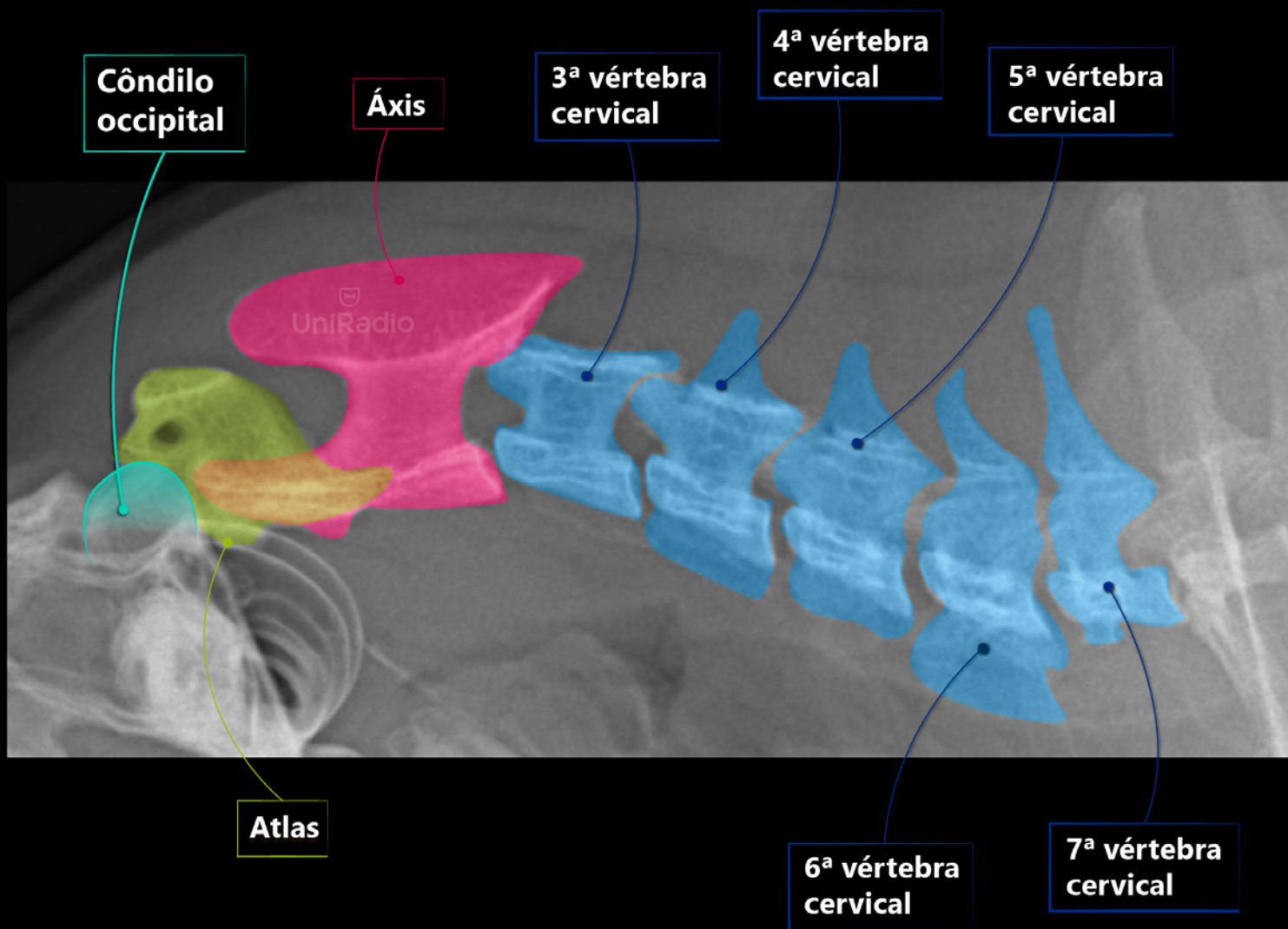
COLUNA VERTEBRAL . CERVICAL

Lateral com flexão



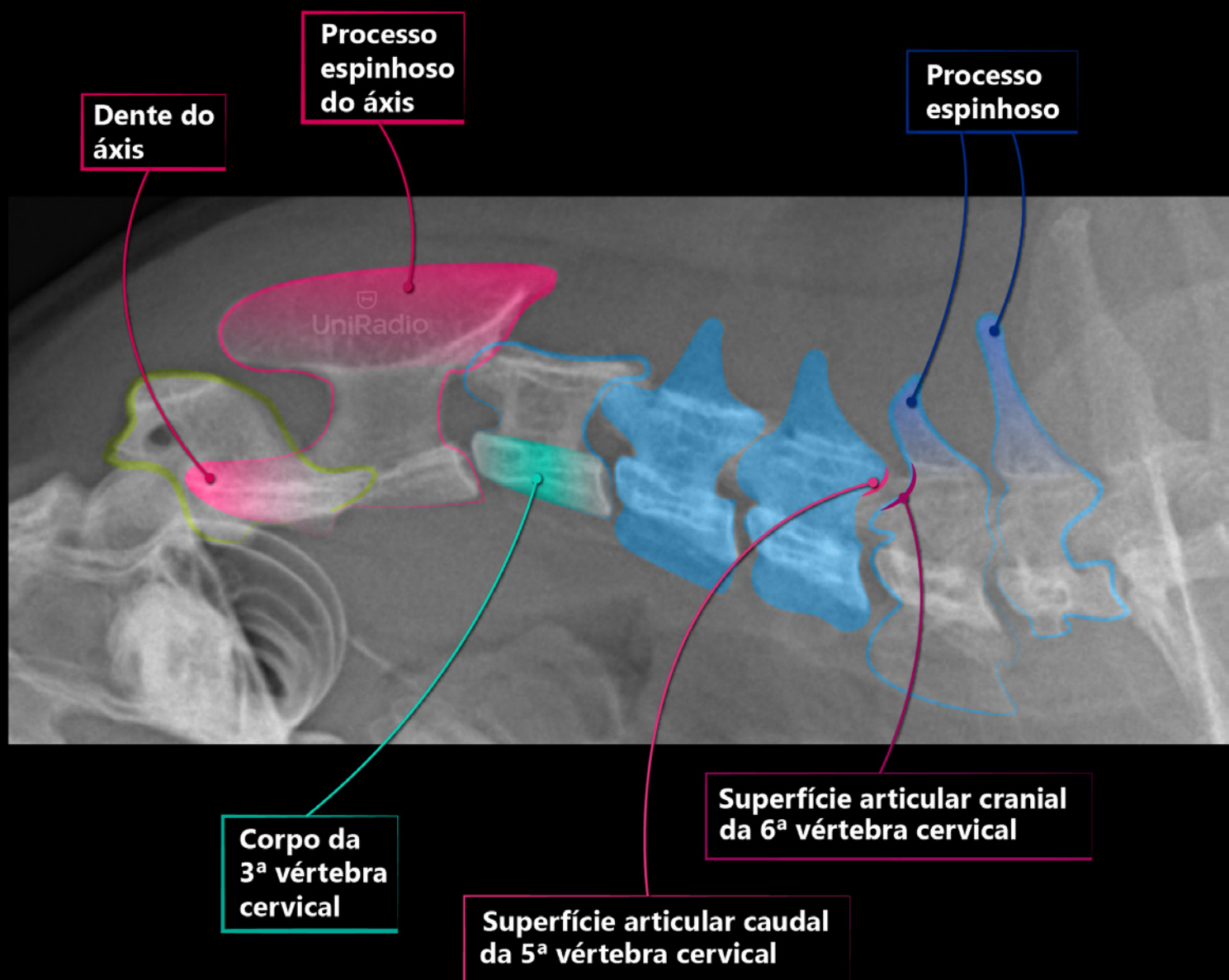
COLUNA VERTEBRAL . CERVICAL

Lateral com flexão



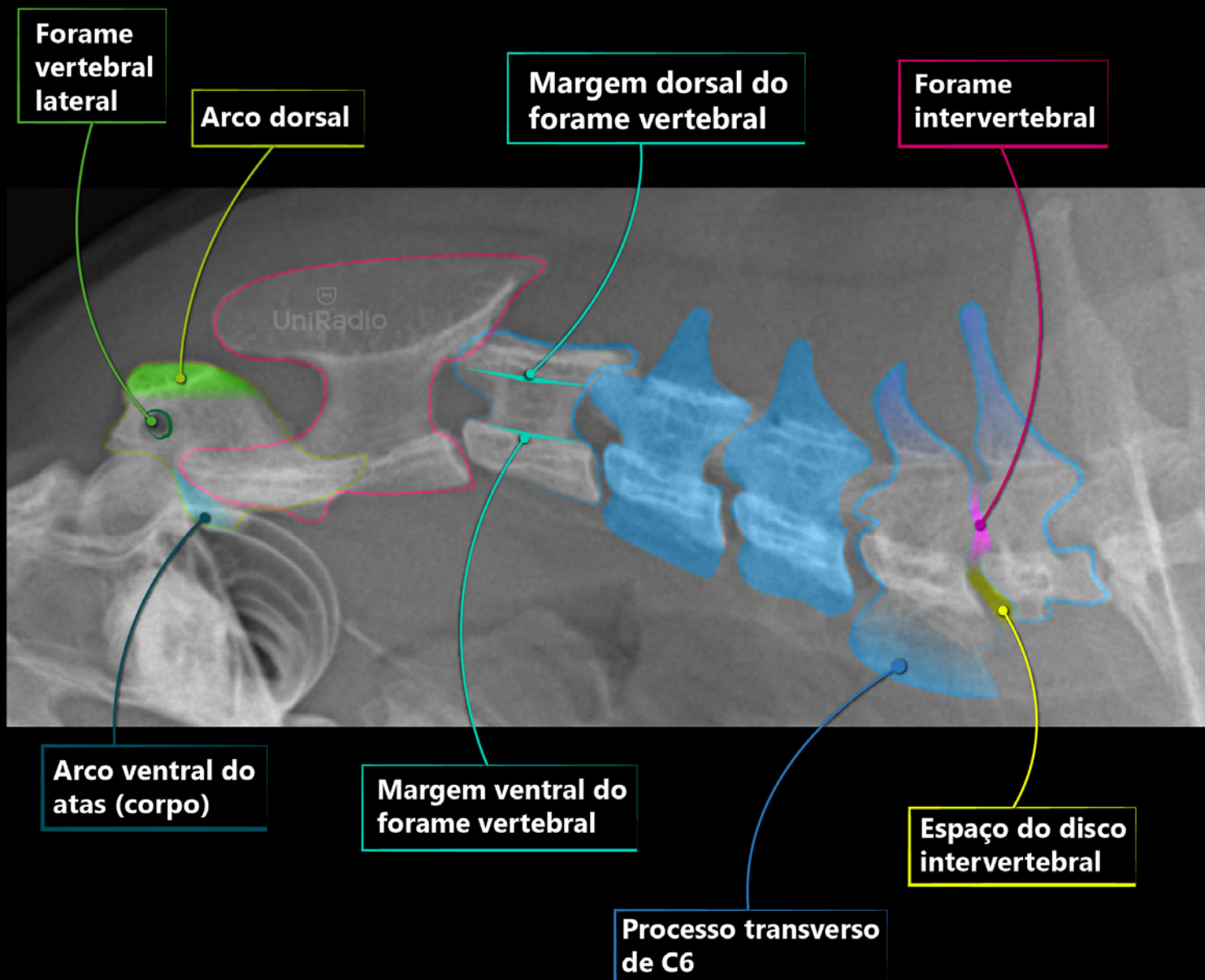
COLUNA VERTEBRAL . CERVICAL

Lateral com flexão



COLUNA VERTEBRAL . CERVICAL

Lateral com flexão



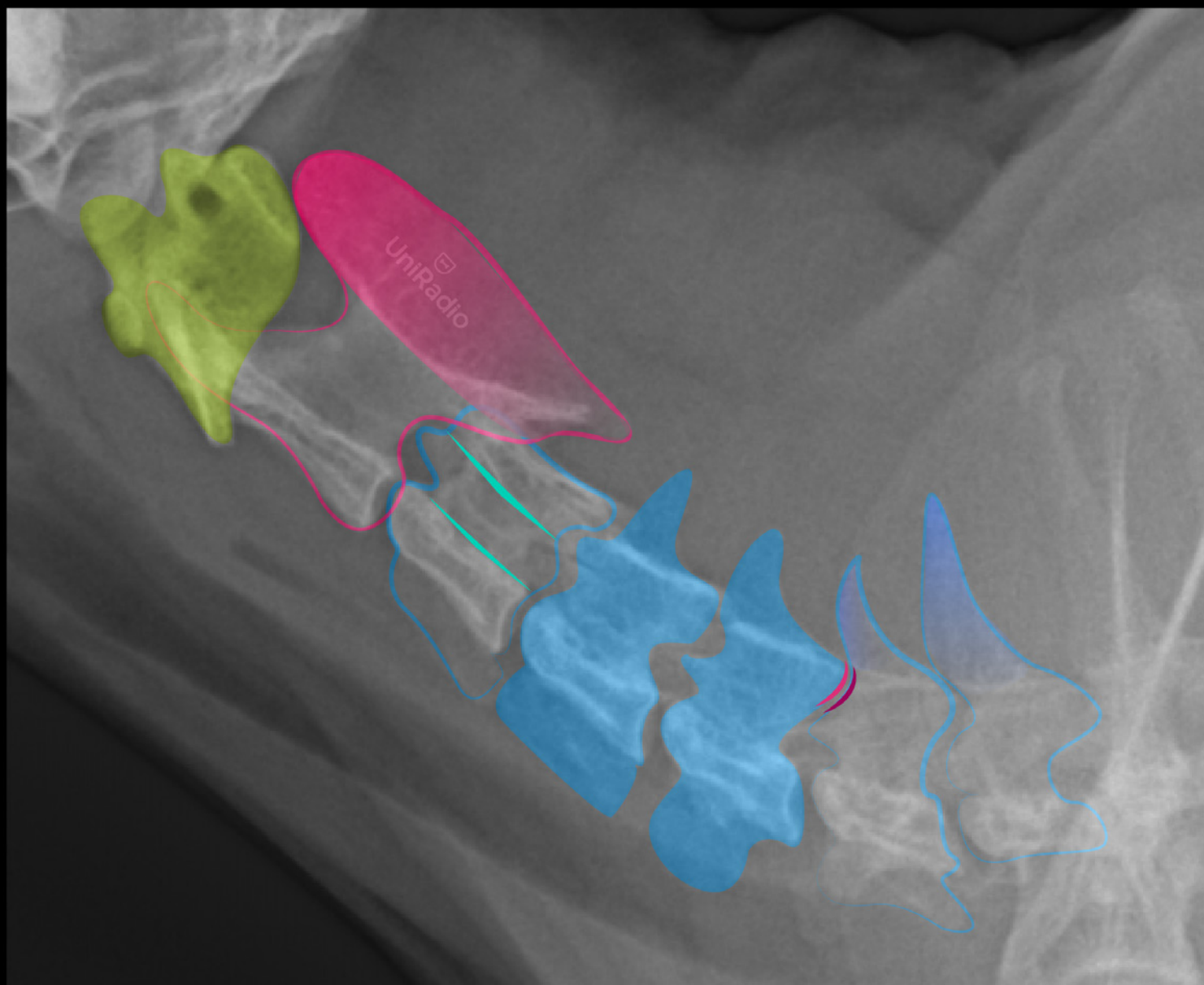
COLUNA VERTEBRAL . CERVICAL

Lateral com extensão



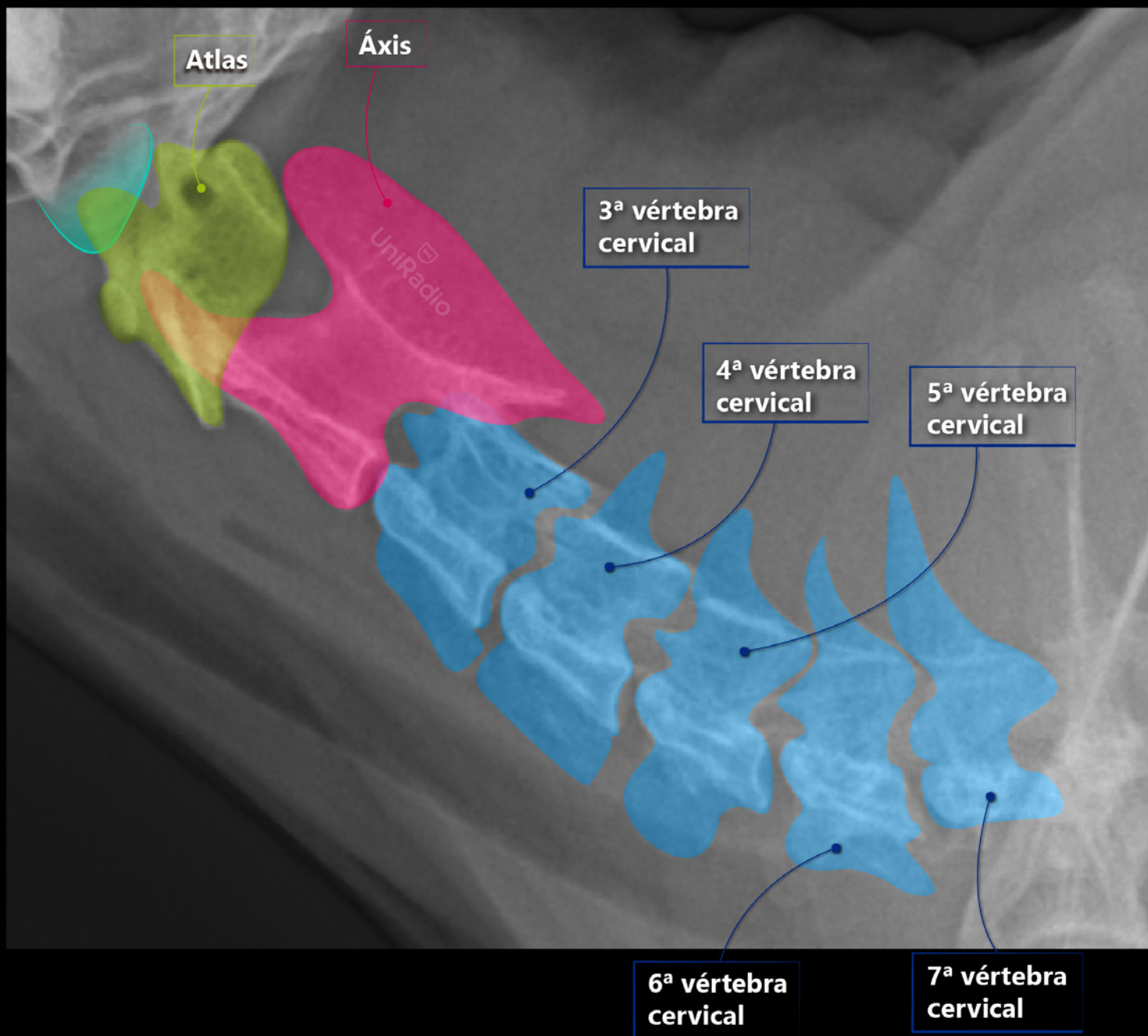
COLUNA VERTEBRAL . CERVICAL

Lateral com extensão



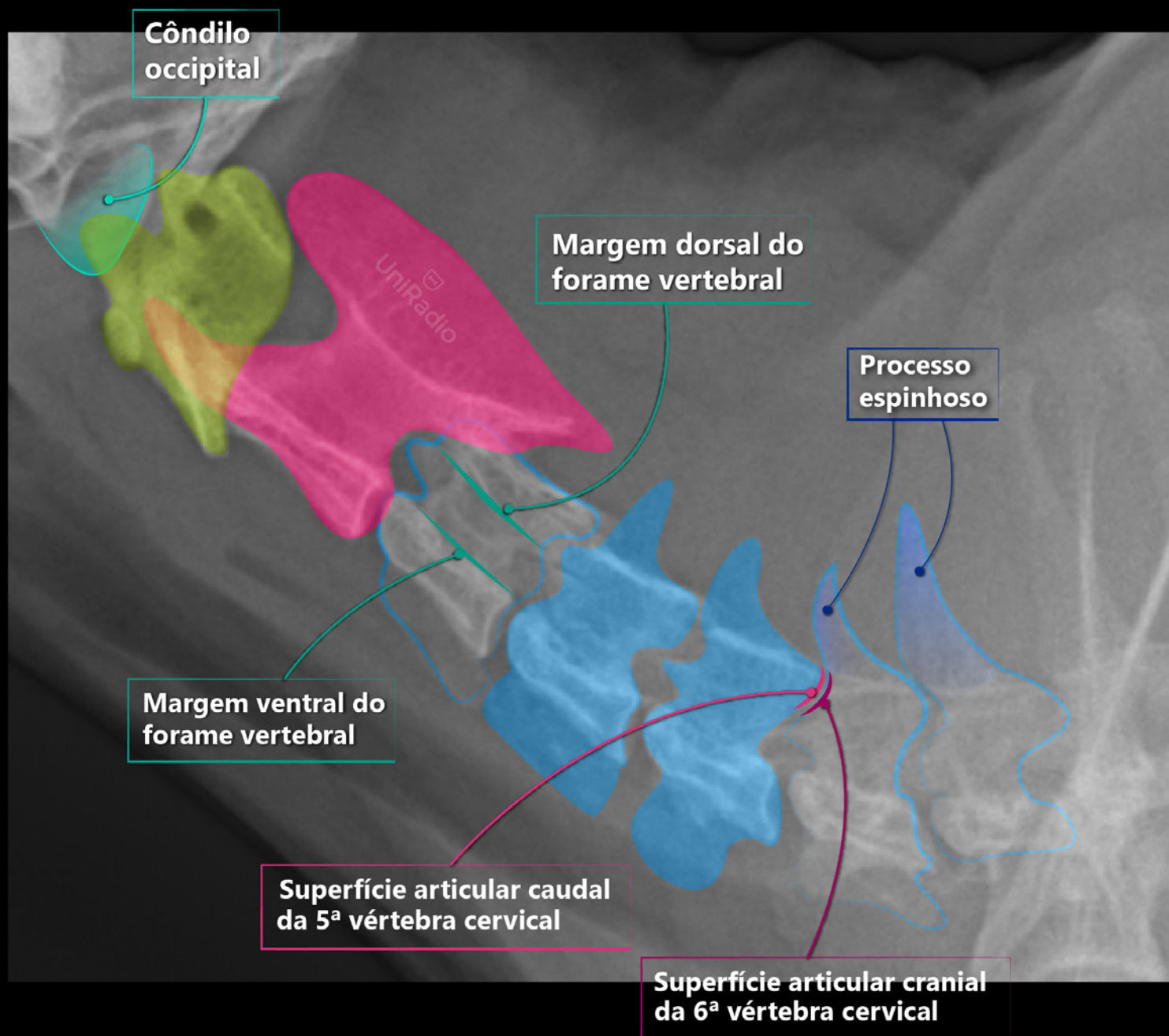
COLUNA VERTEBRAL . CERVICAL

Lateral com extensão



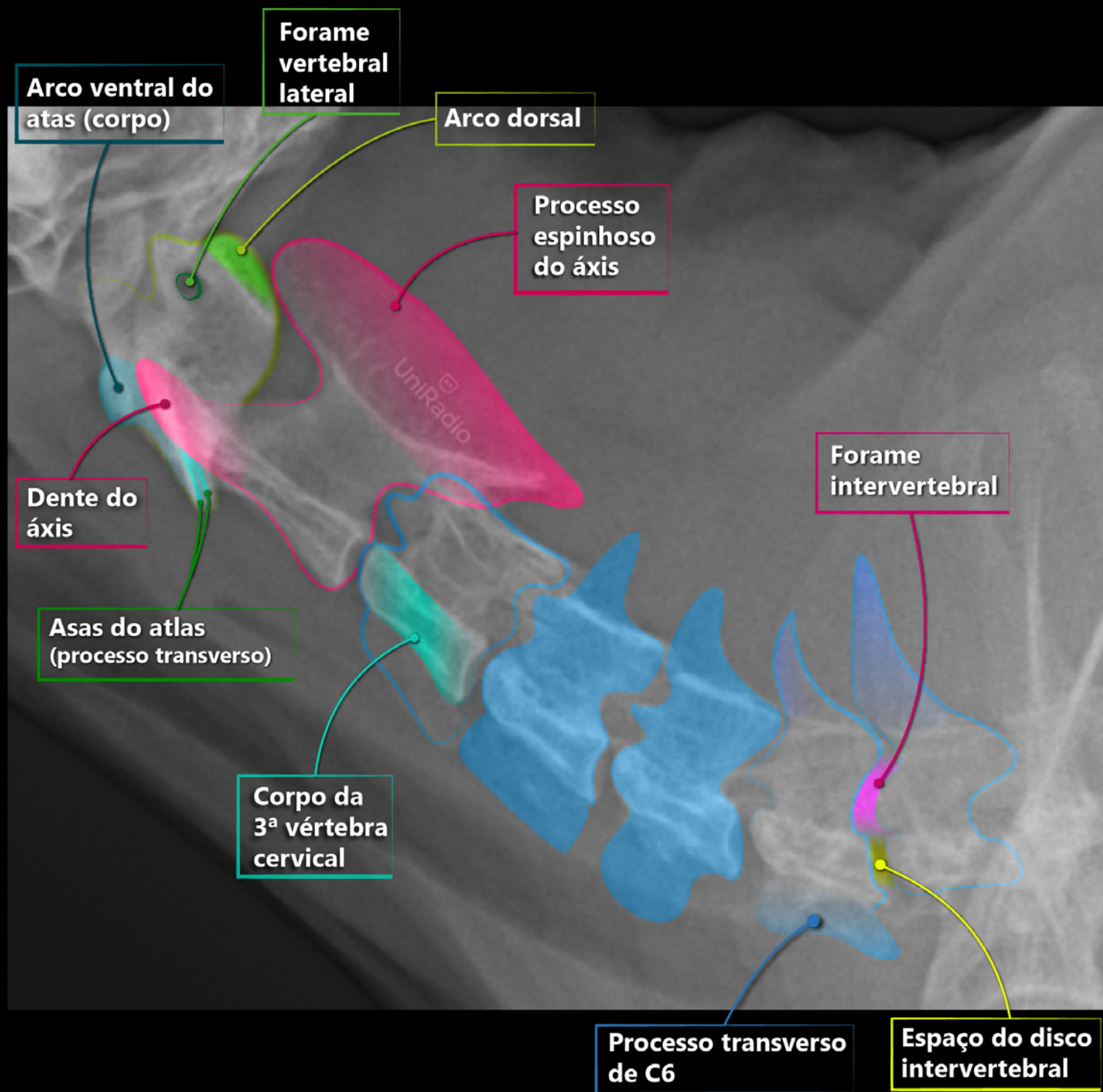
COLUNA VERTEBRAL . CERVICAL

Lateral com extensão



COLUNA VERTEBRAL . CERVICAL

Lateral com extensão



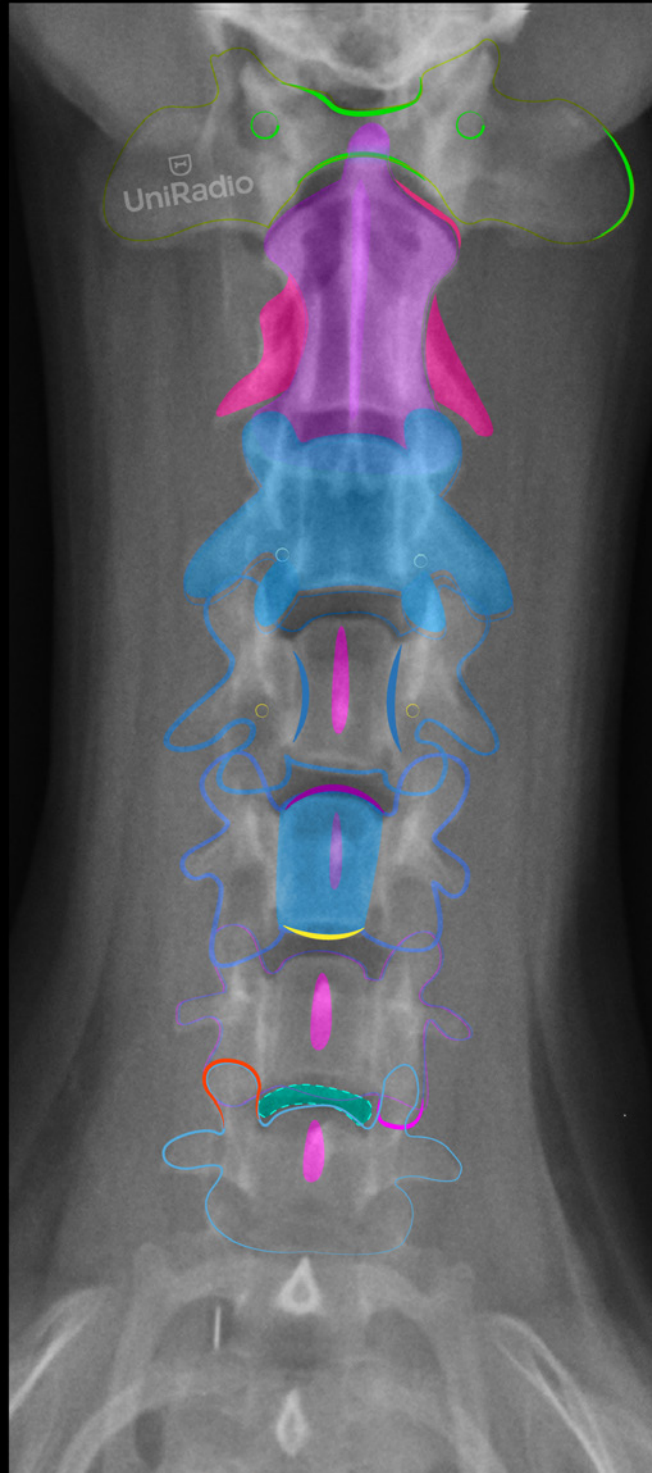
COLUNA VERTEBRAL . CERVICAL

Ventrodorsal



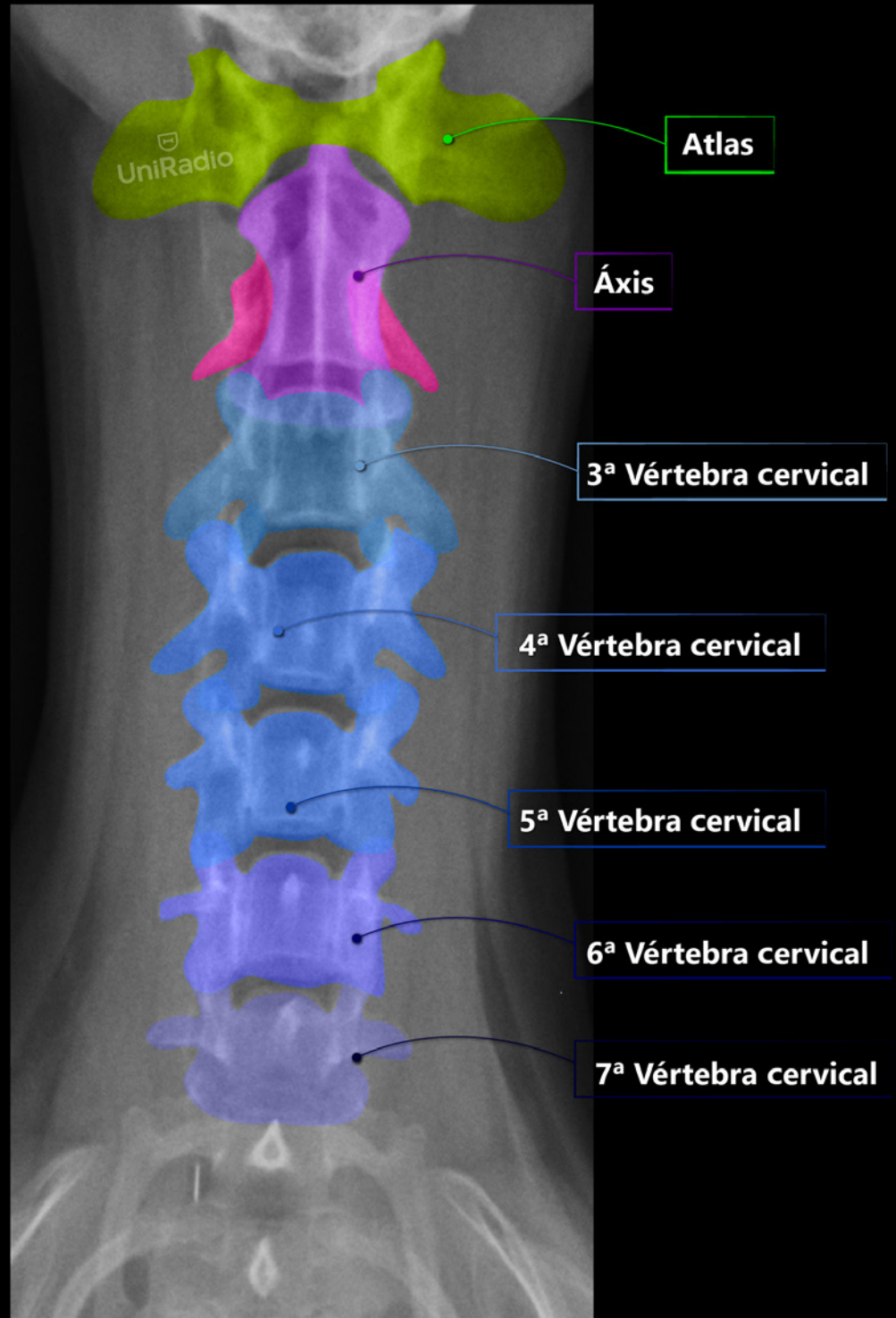
COLUNA VERTEBRAL . CERVICAL

Ventrodorsal



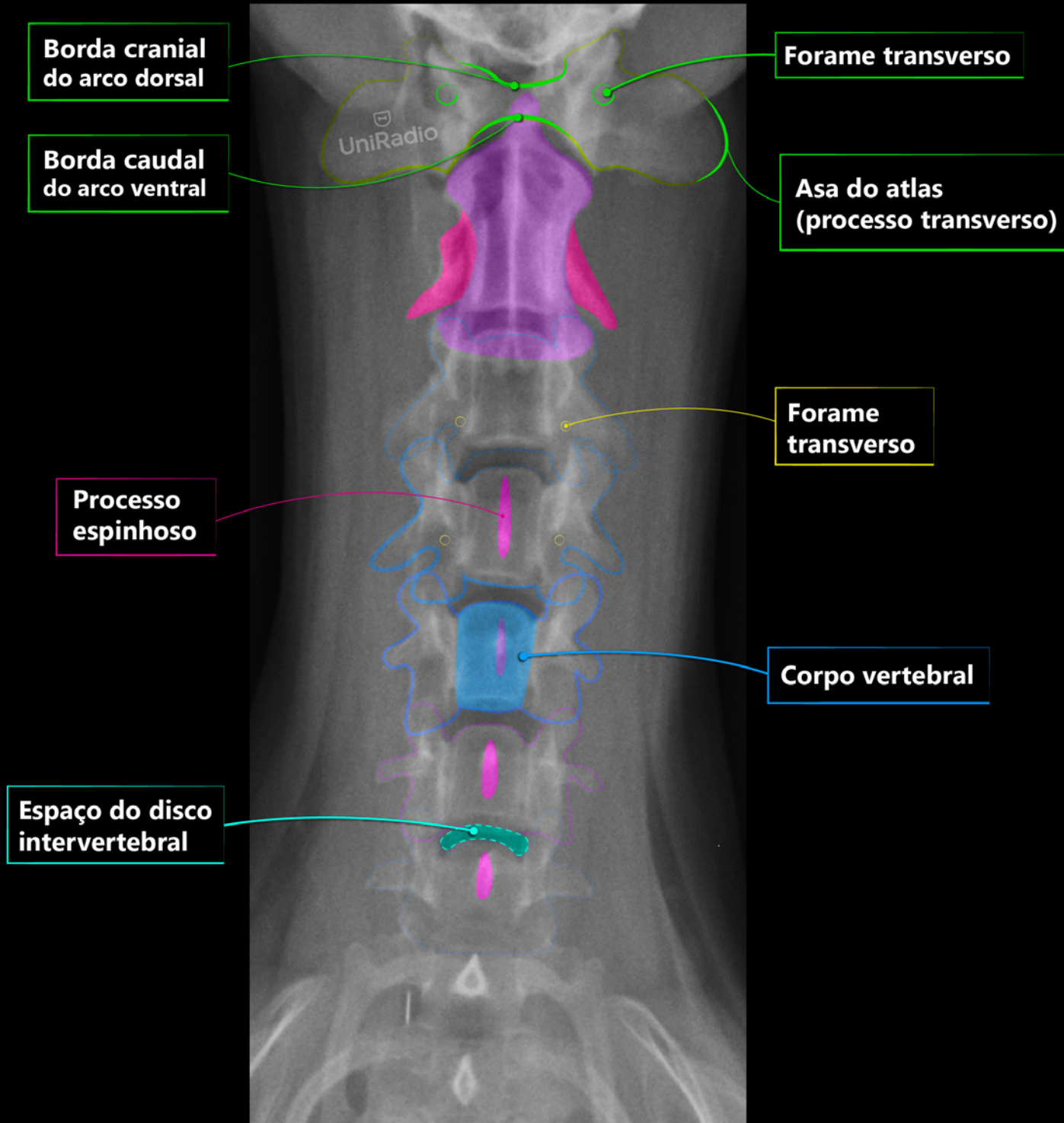
COLUNA VERTEBRAL . CERVICAL

Ventrodorsal



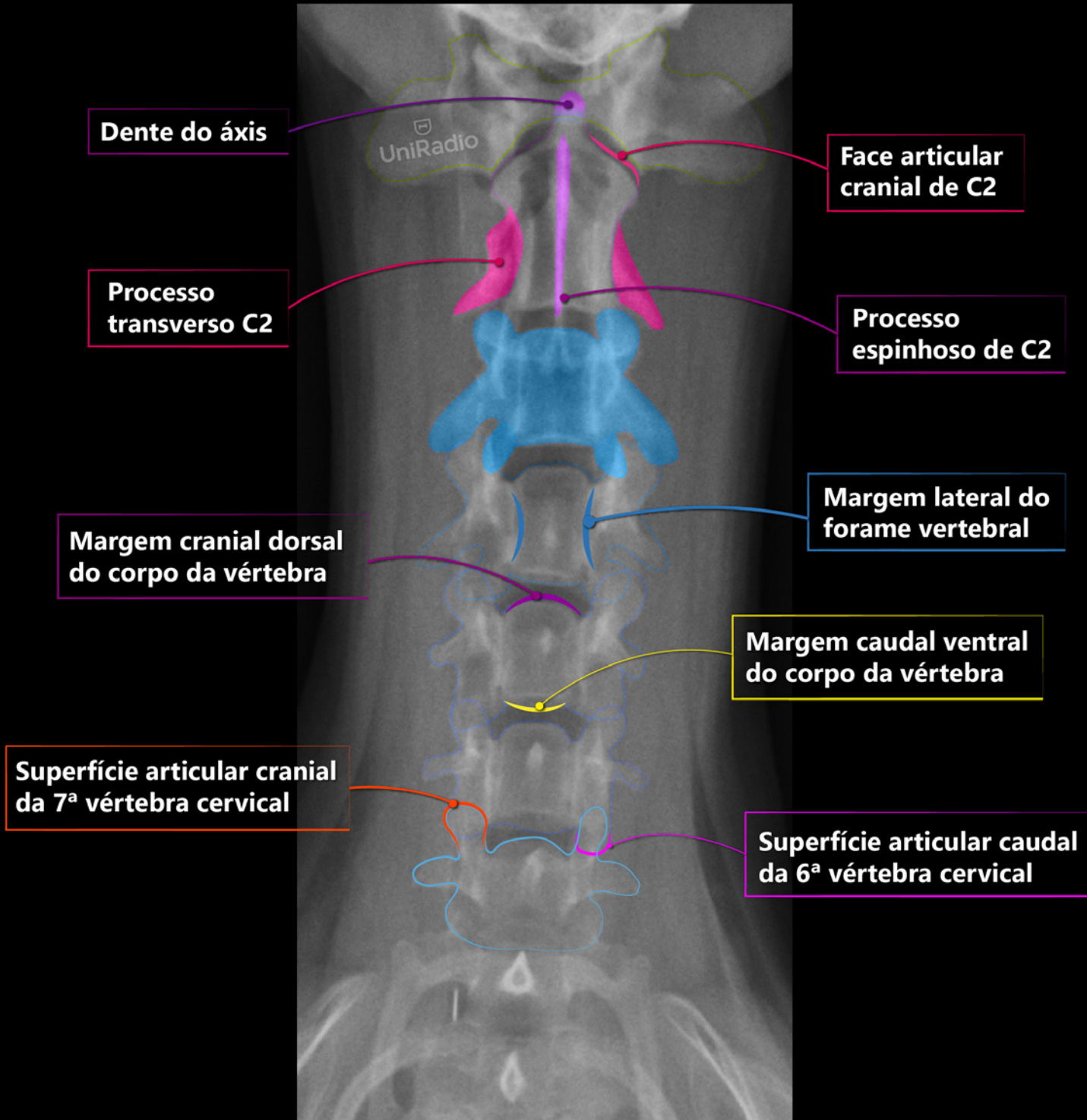
COLUNA VERTEBRAL . CERVICAL

Ventrodorsal



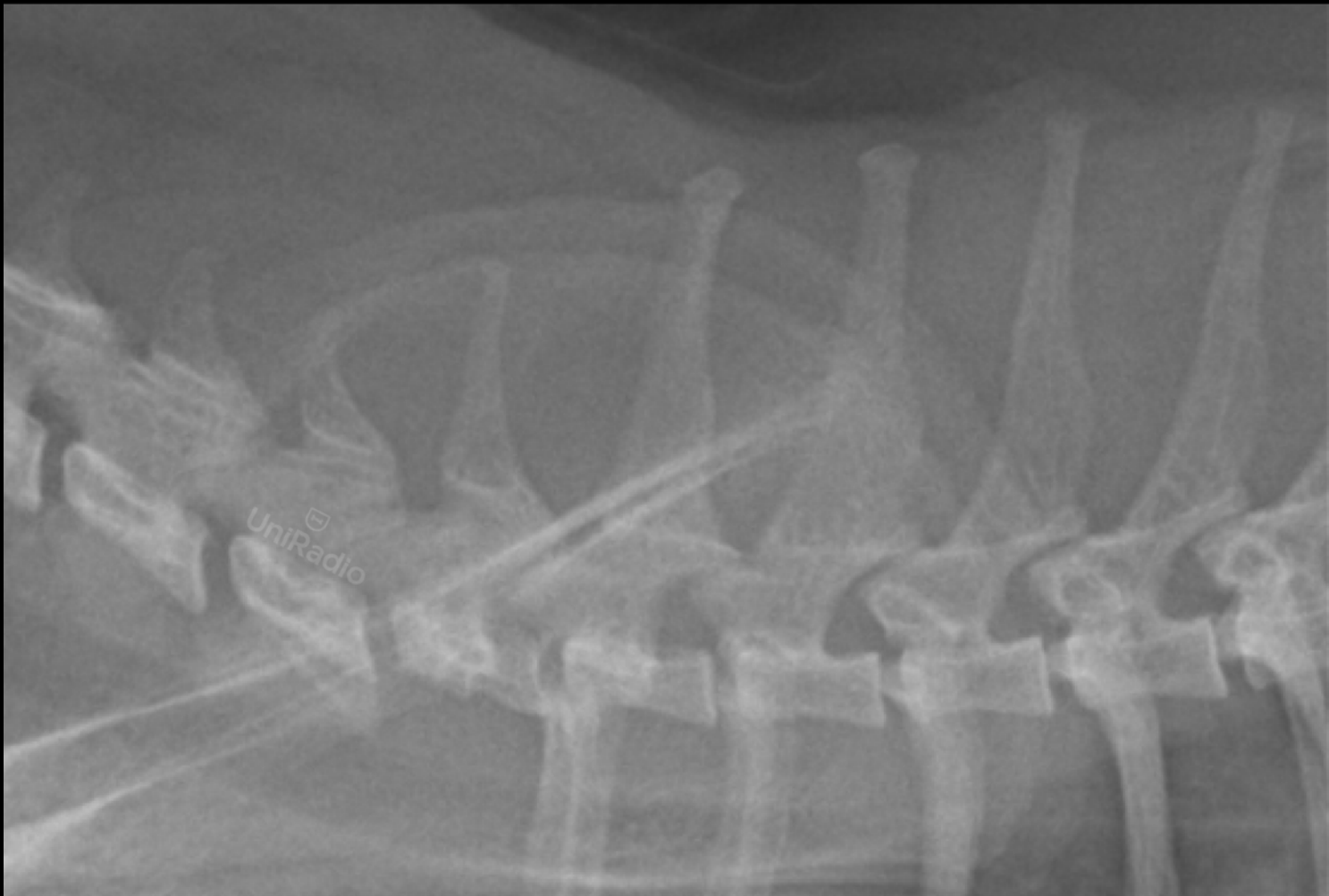
COLUNA VERTEBRAL . CERVICAL

Ventrodorsal



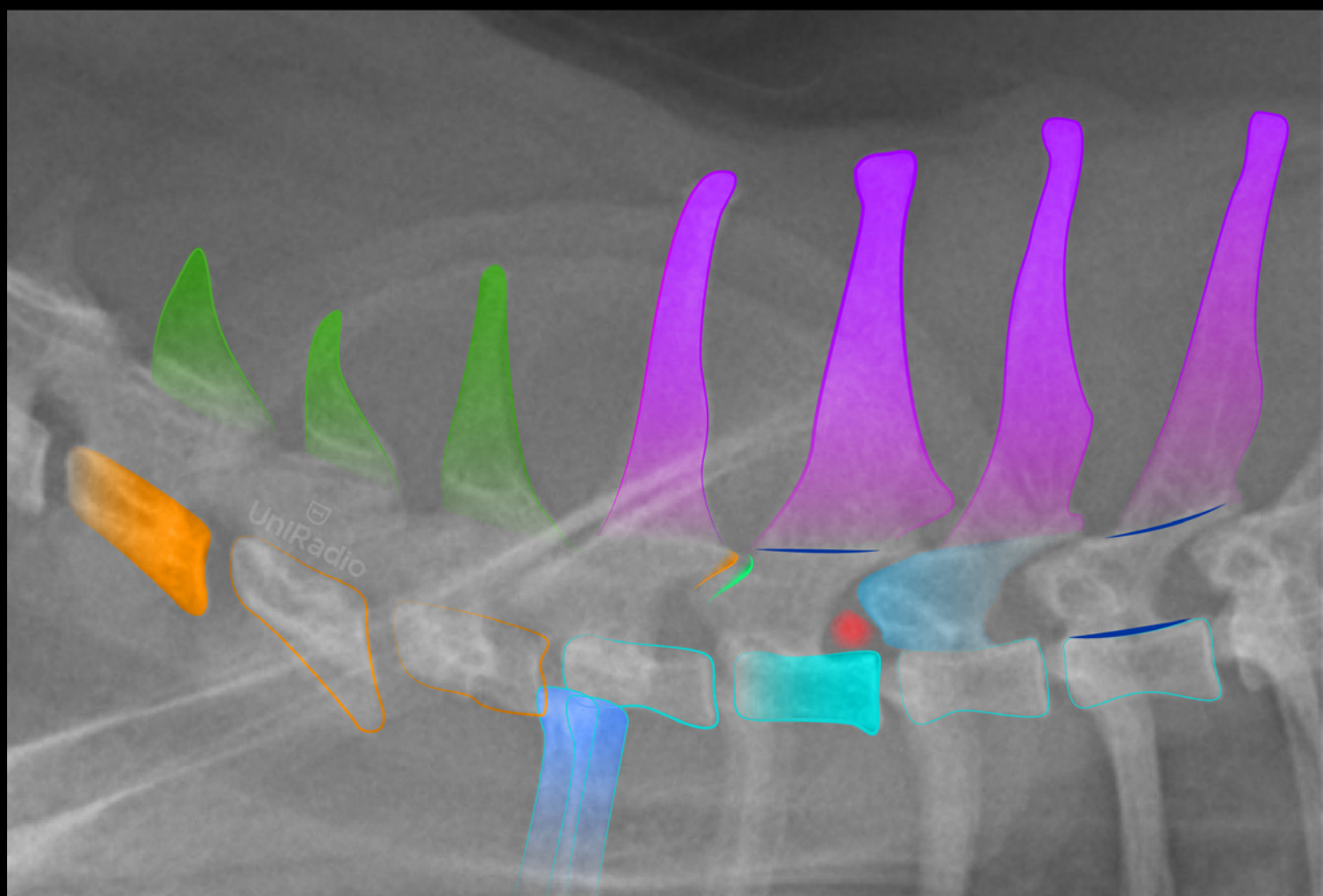
COLUNA VERTEBRAL . CERVICOTORÁCICA

Lateral



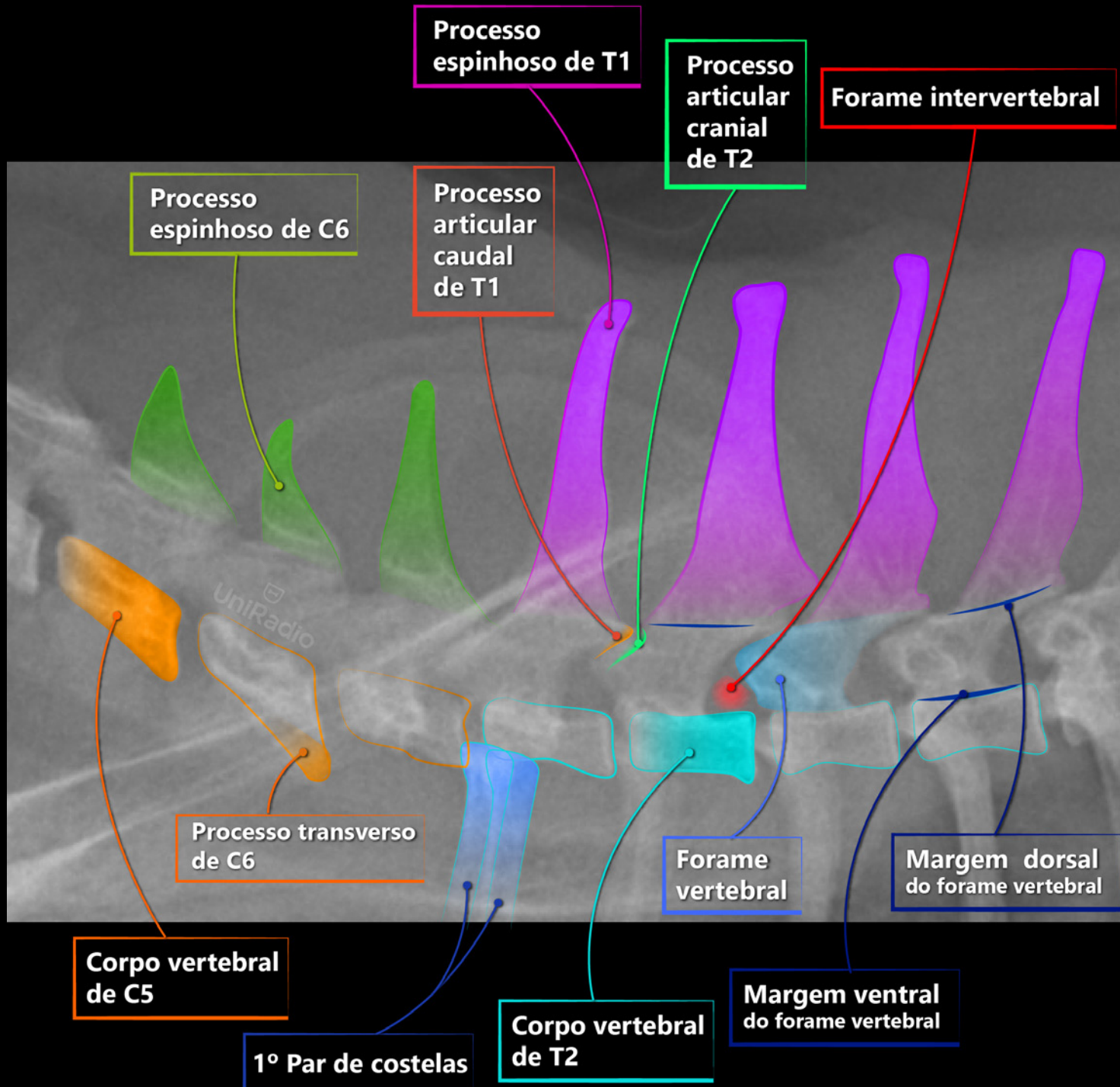
COLUNA VERTEBRAL . CERVICOTORÁCICA

Lateral



COLUNA VERTEBRAL . CERVICOTORÁCICA

Lateral



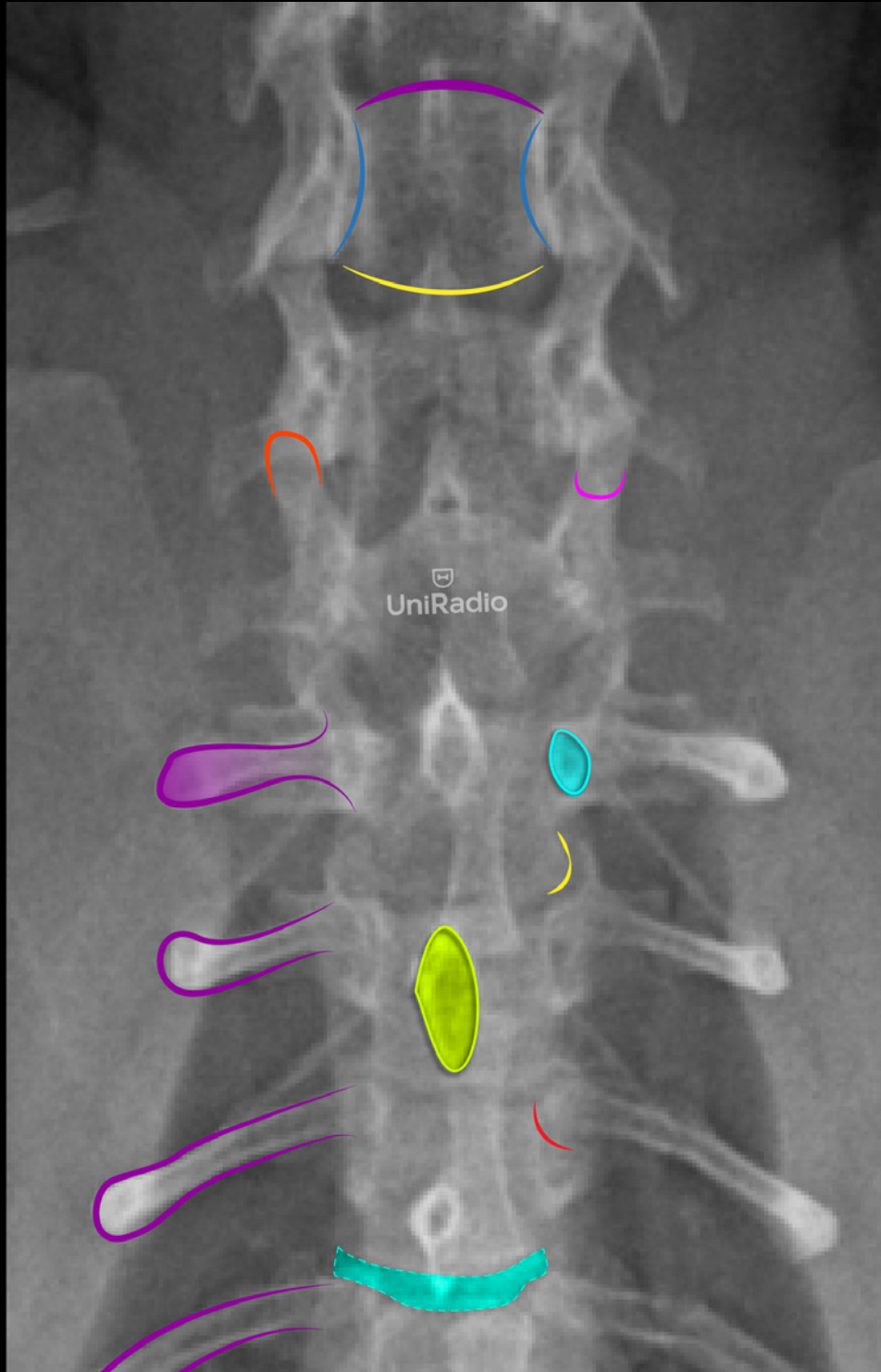
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Ventrodorsal



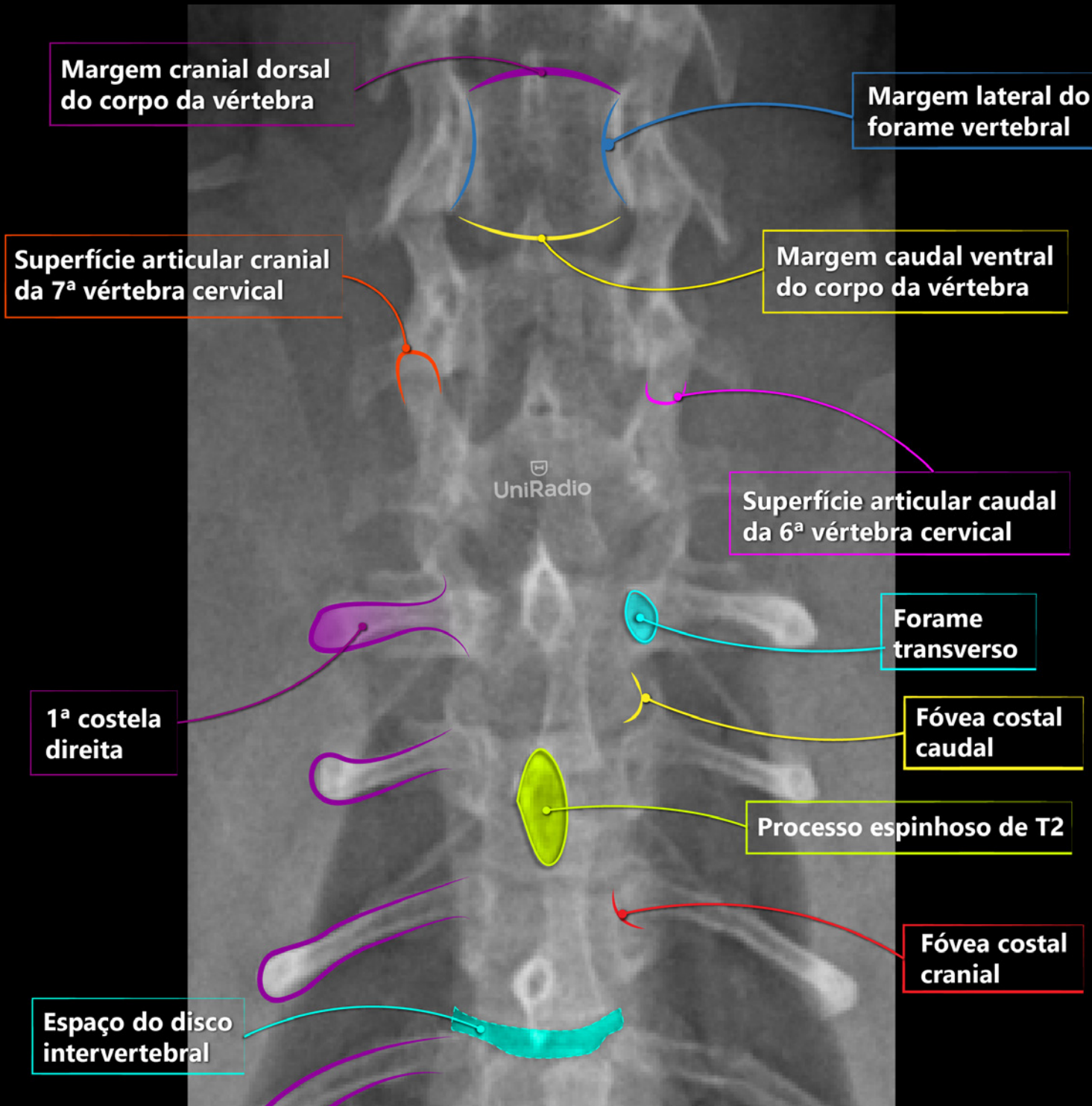
COLUNA VERTEBRAL . CERVICOTORÁCICA

Ventrodorsal



COLUNA VERTEBRAL . CERVICOTORÁCICA

Ventrodorsal



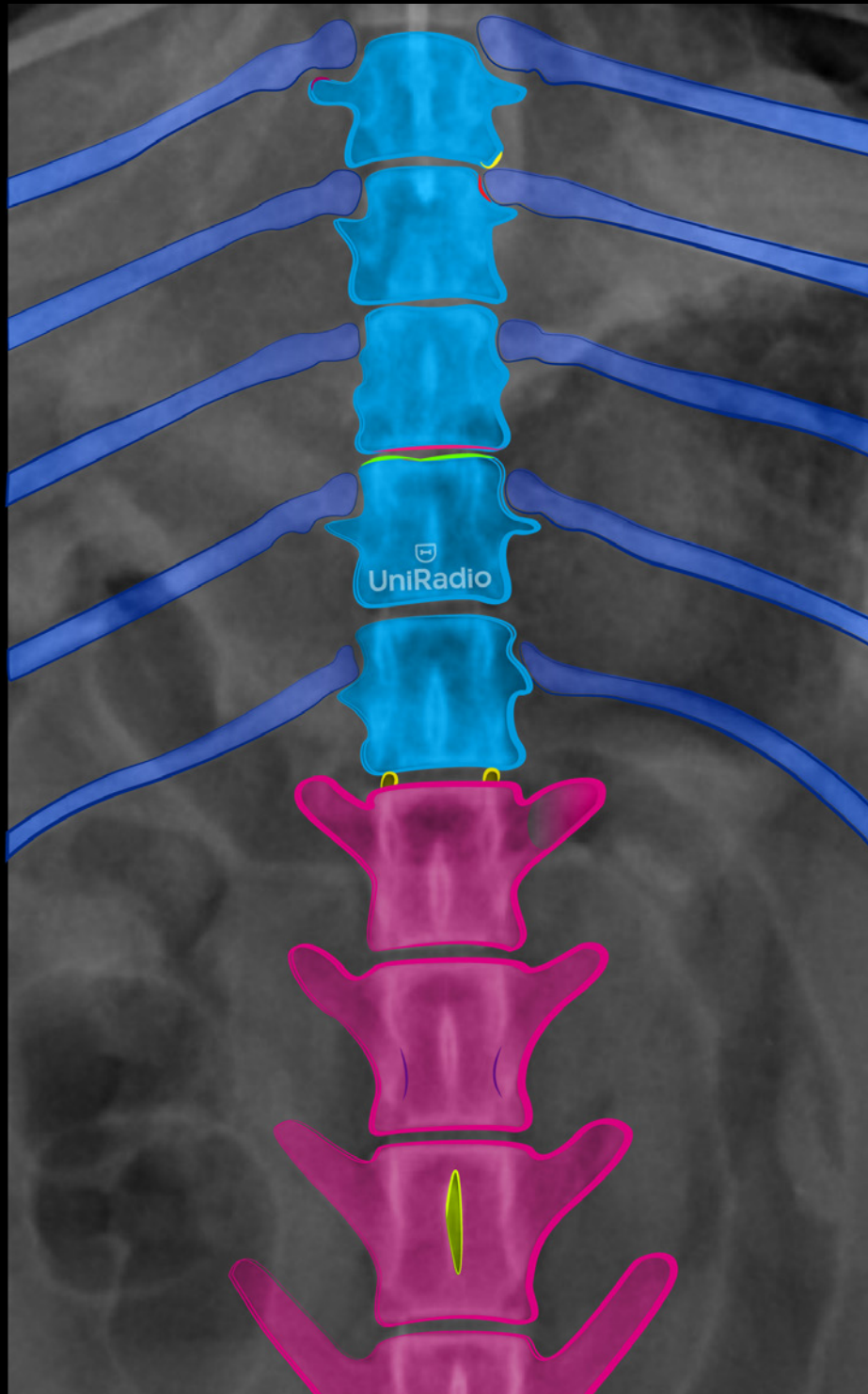
COLUNA VERTEBRAL . TORACOLOMBAR

Ventrodorsal



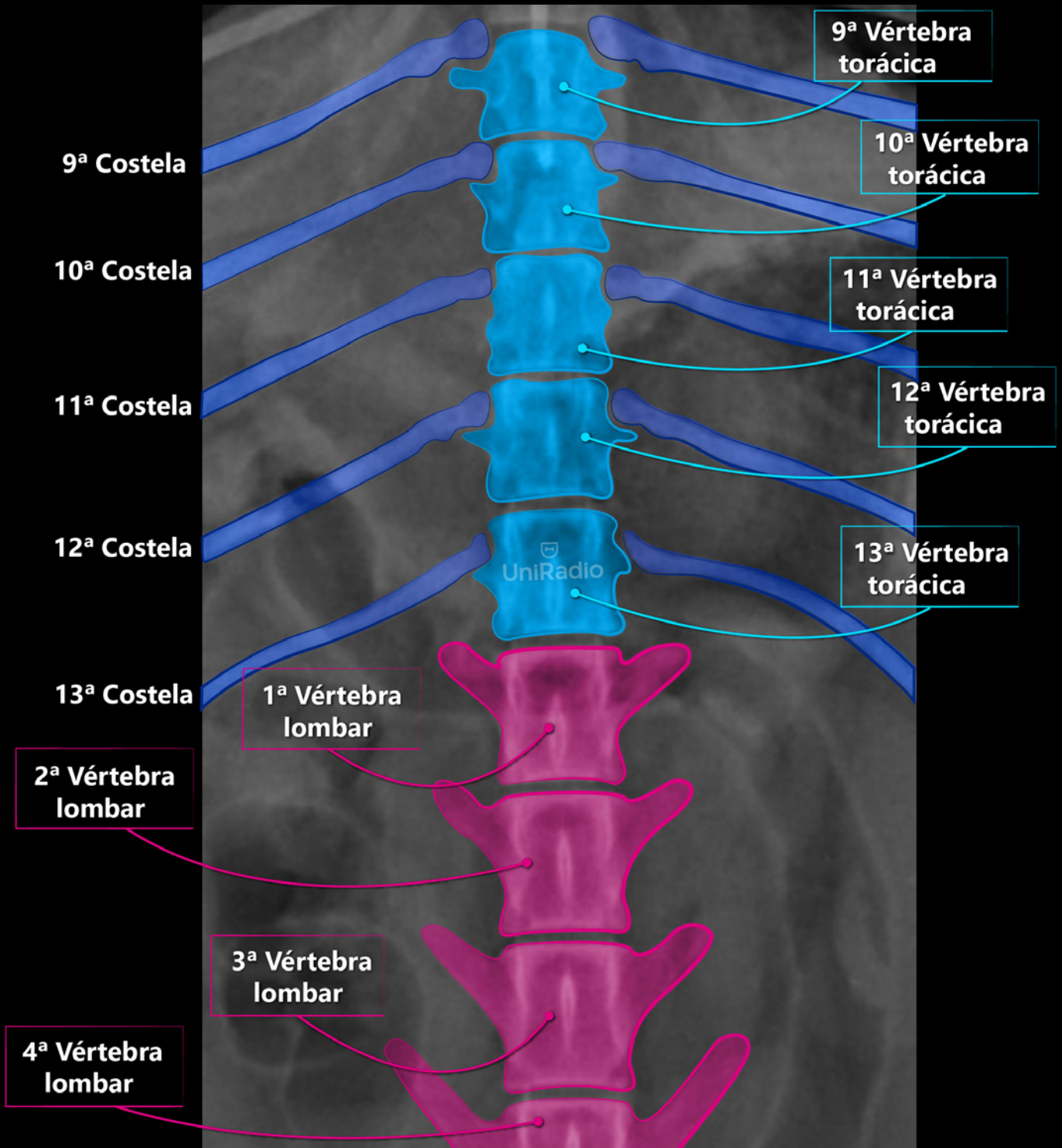
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Ventrodorsal



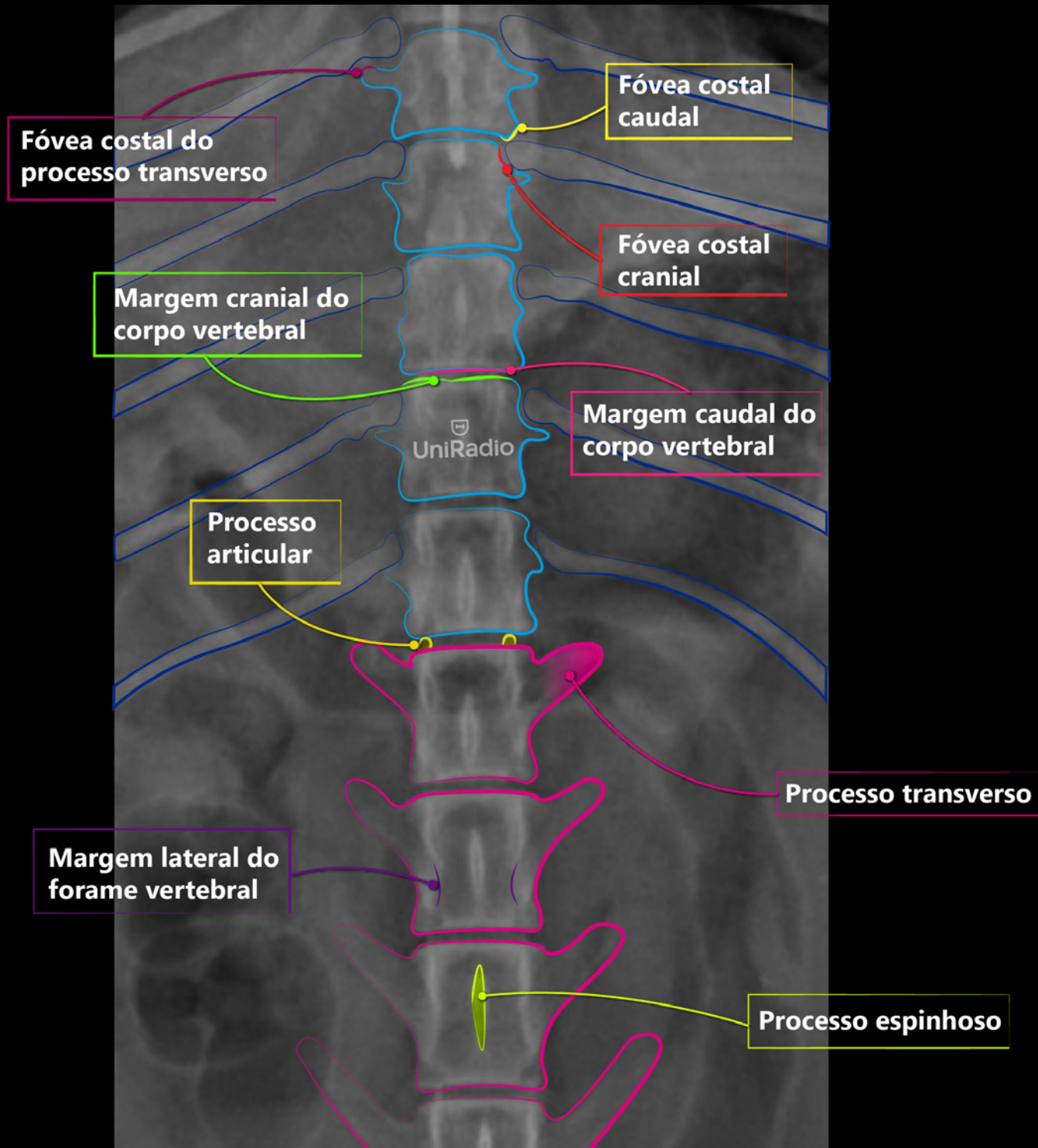
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Ventrodorsal



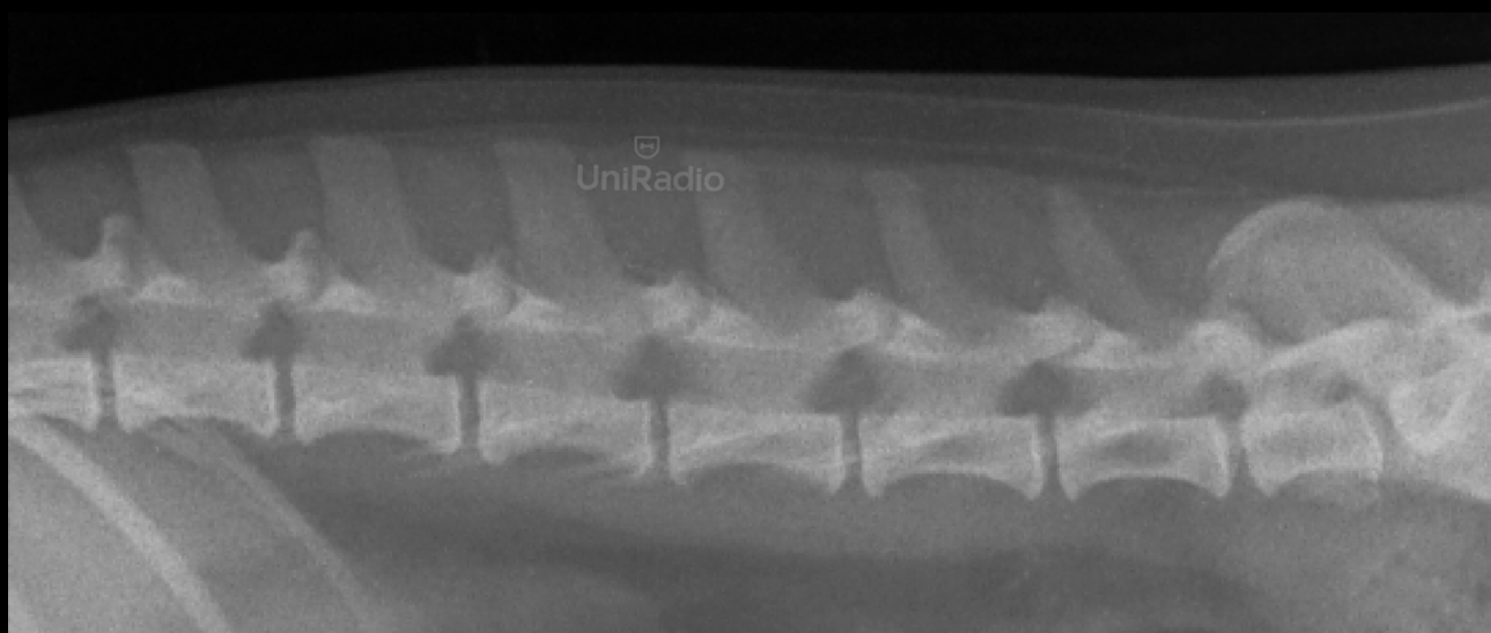
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Ventrodorsal



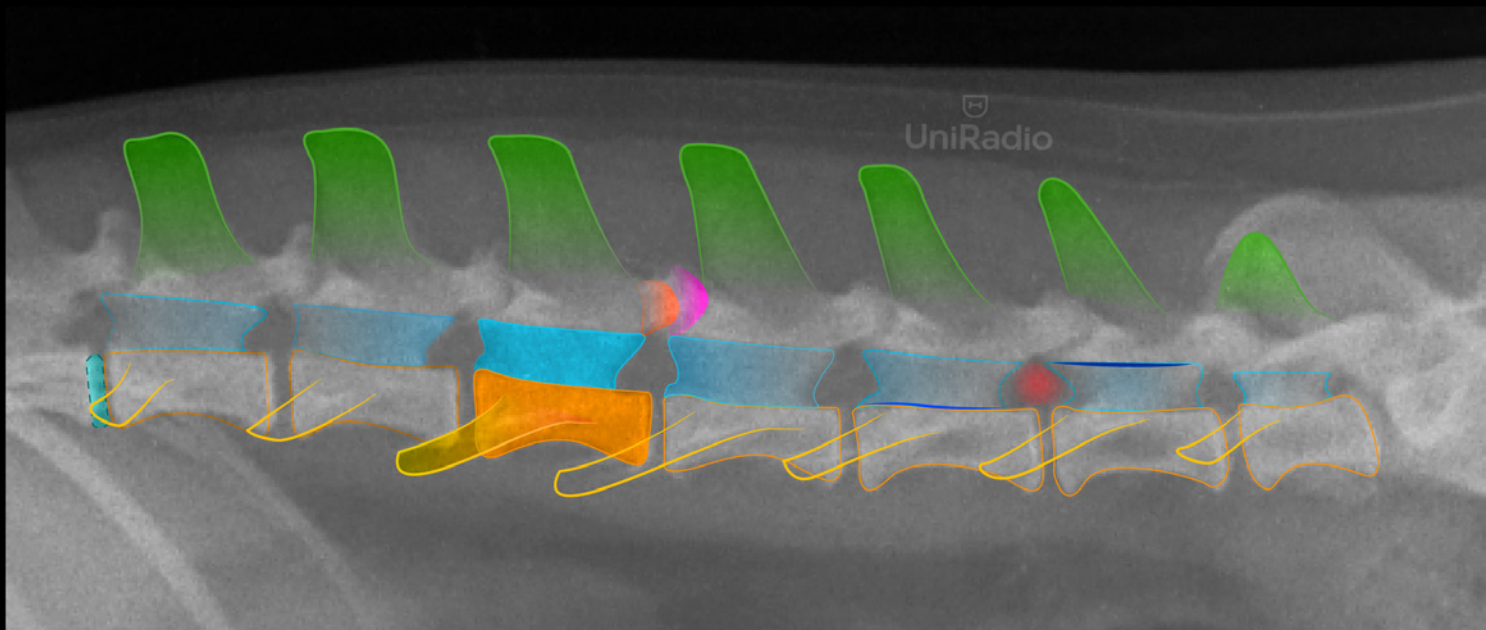
COLUNA VERTEBRAL . LOMBAR

Lateral



COLUNA VERTEBRAL . LOMBAR

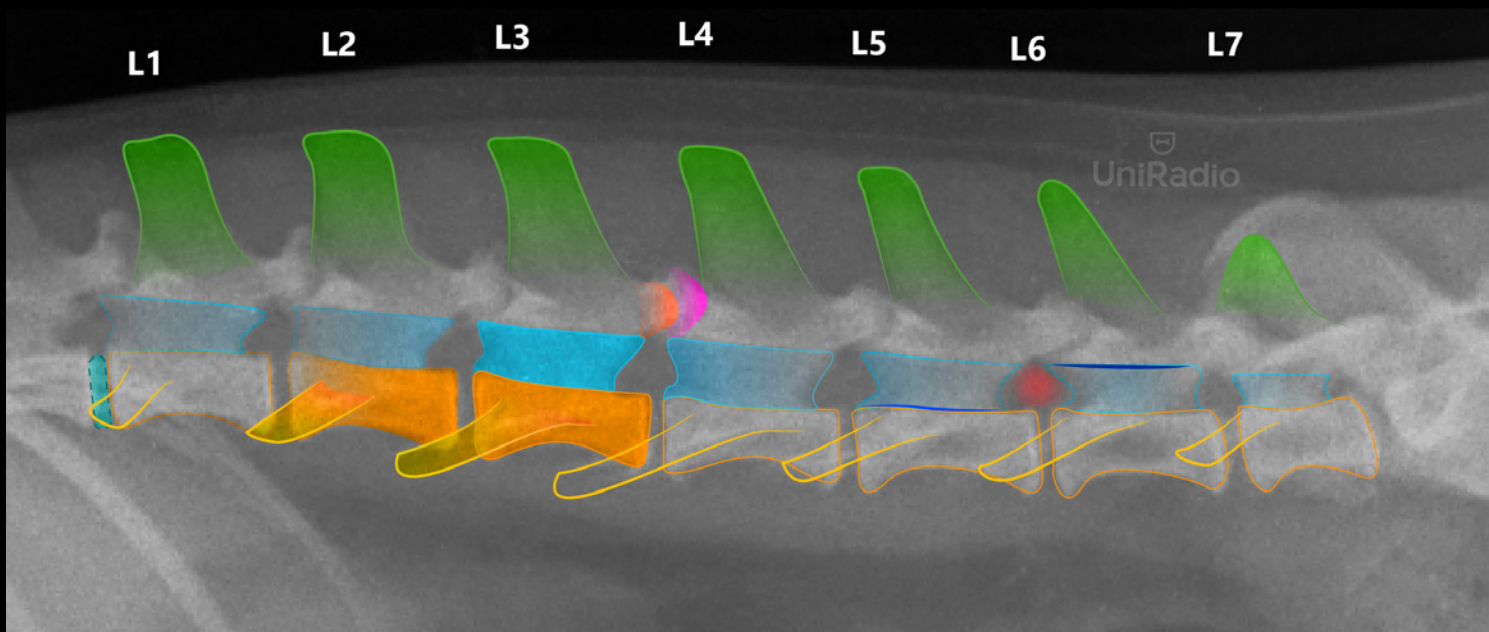
Lateral



COLUNA VERTEBRAL . LOMBAR

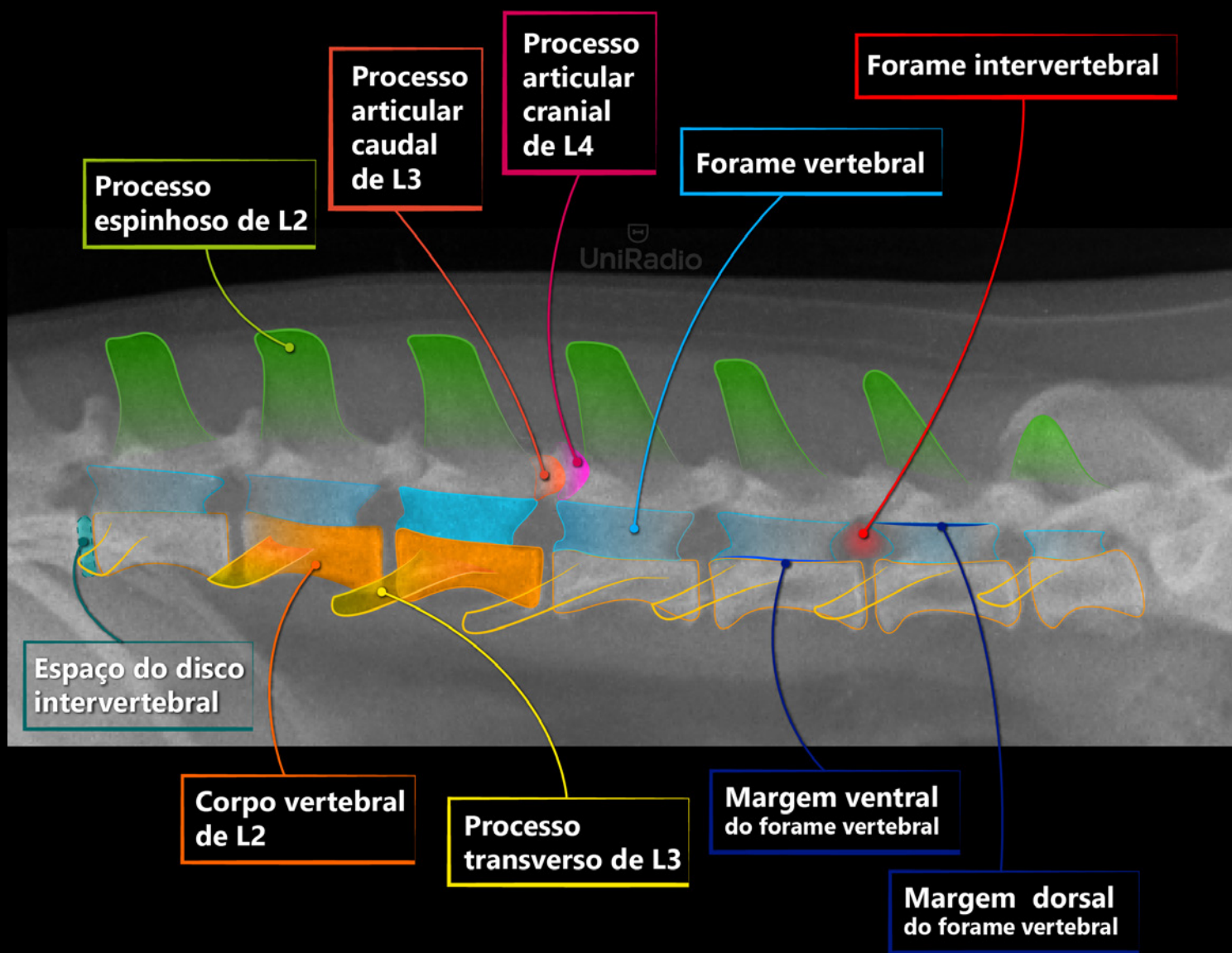
Lateral

Vértebras lombares



COLUNA VERTEBRAL . LOMBAR

Lateral



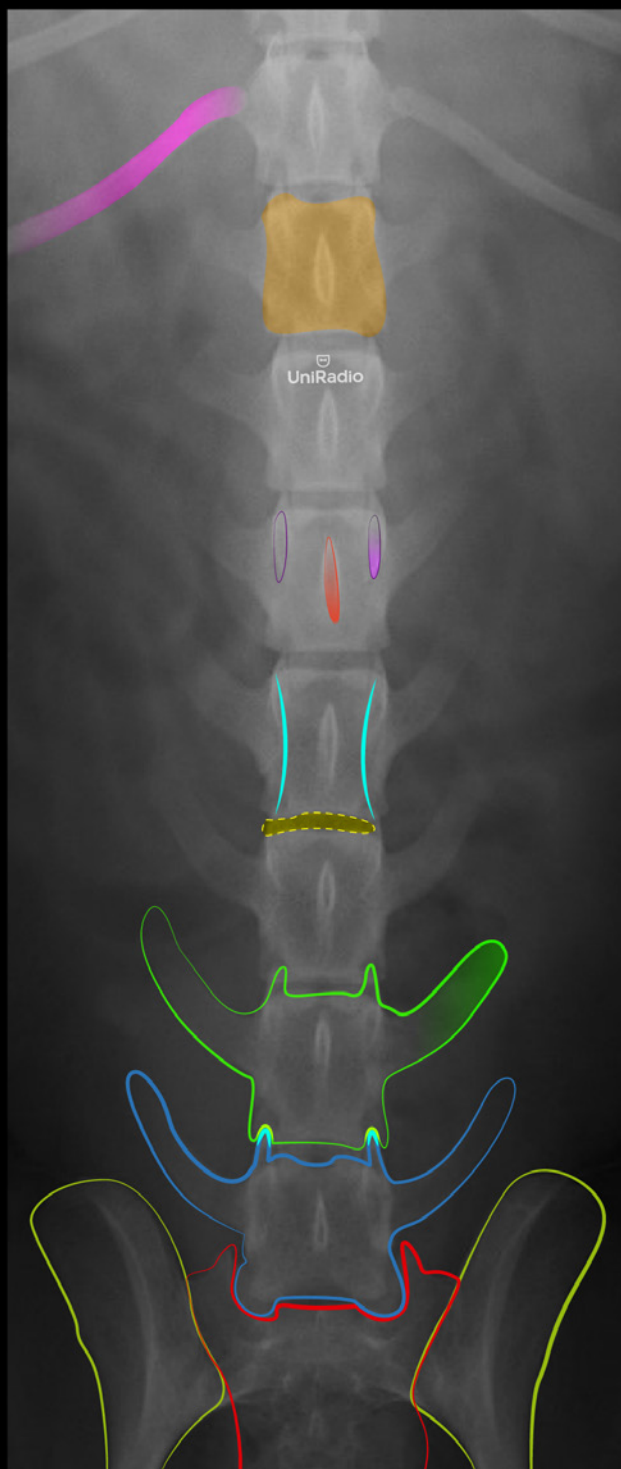
COLUNA VERTEBRAL . LOMBAR

Ventrodorsal



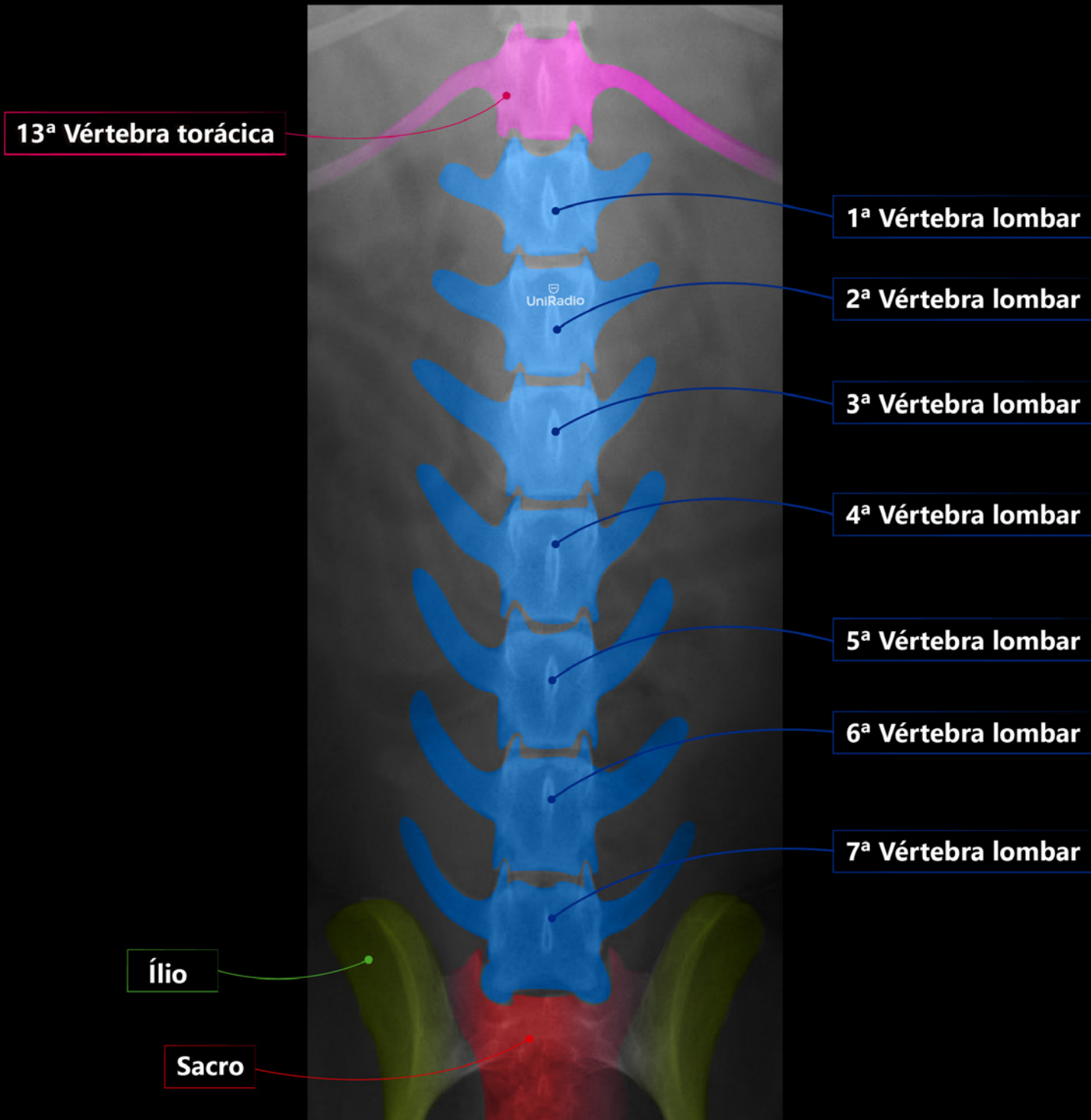
COLUNA VERTEBRAL . LOMBAR

Ventrodorsal



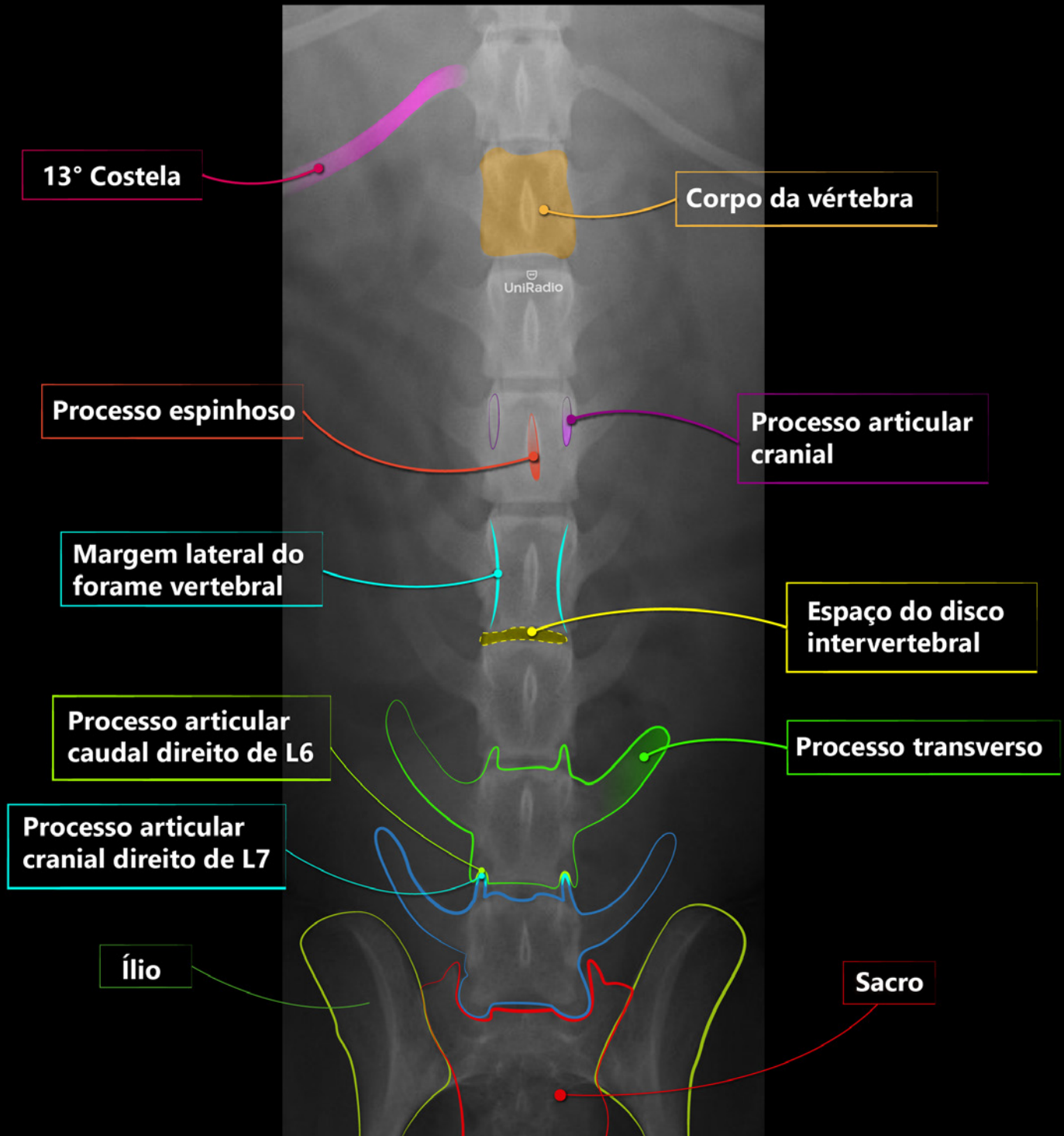
COLUNA VERTEBRAL . LOMBAR

Ventrodorsal



COLUNA VERTEBRAL . LOMBAR

Ventrodorsal



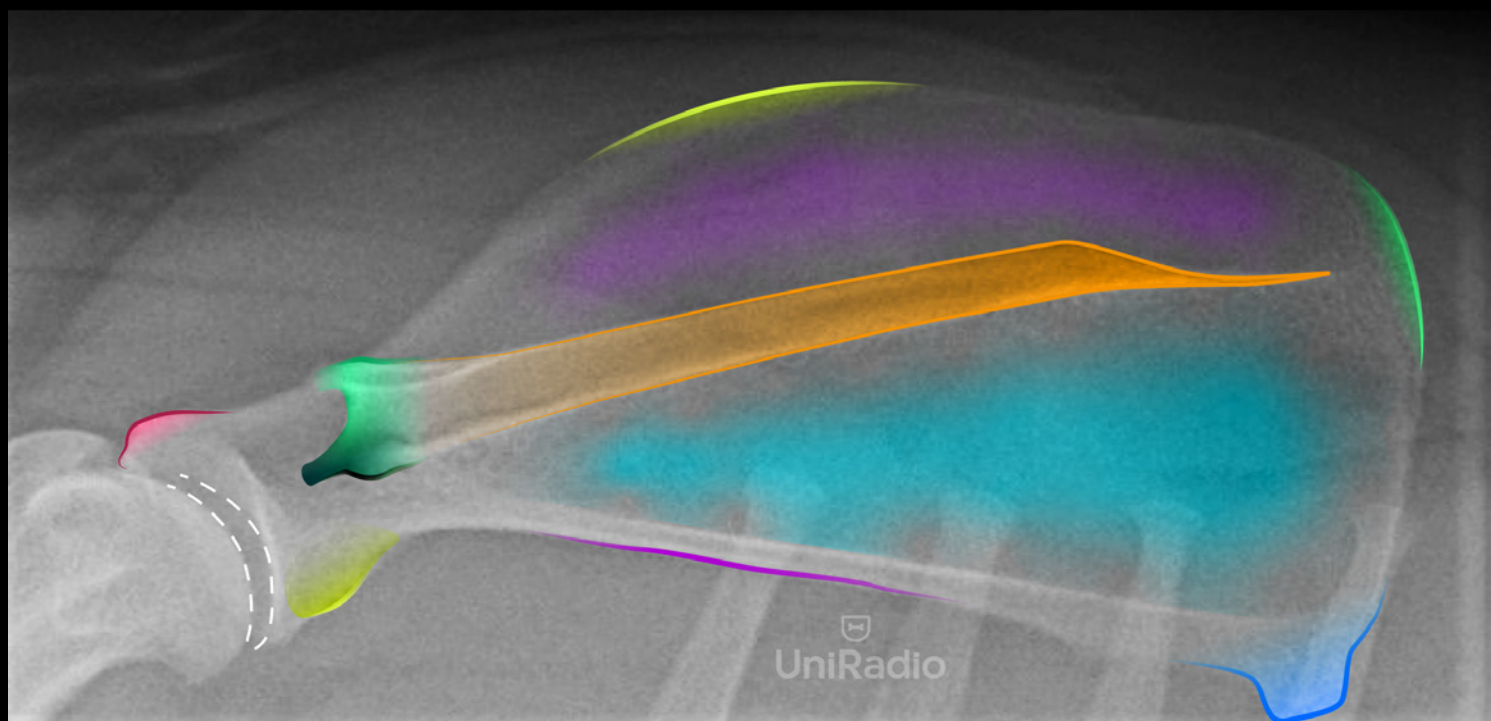
MEMBRO TORÁCICO . ESCÁPULA

Lateromedial



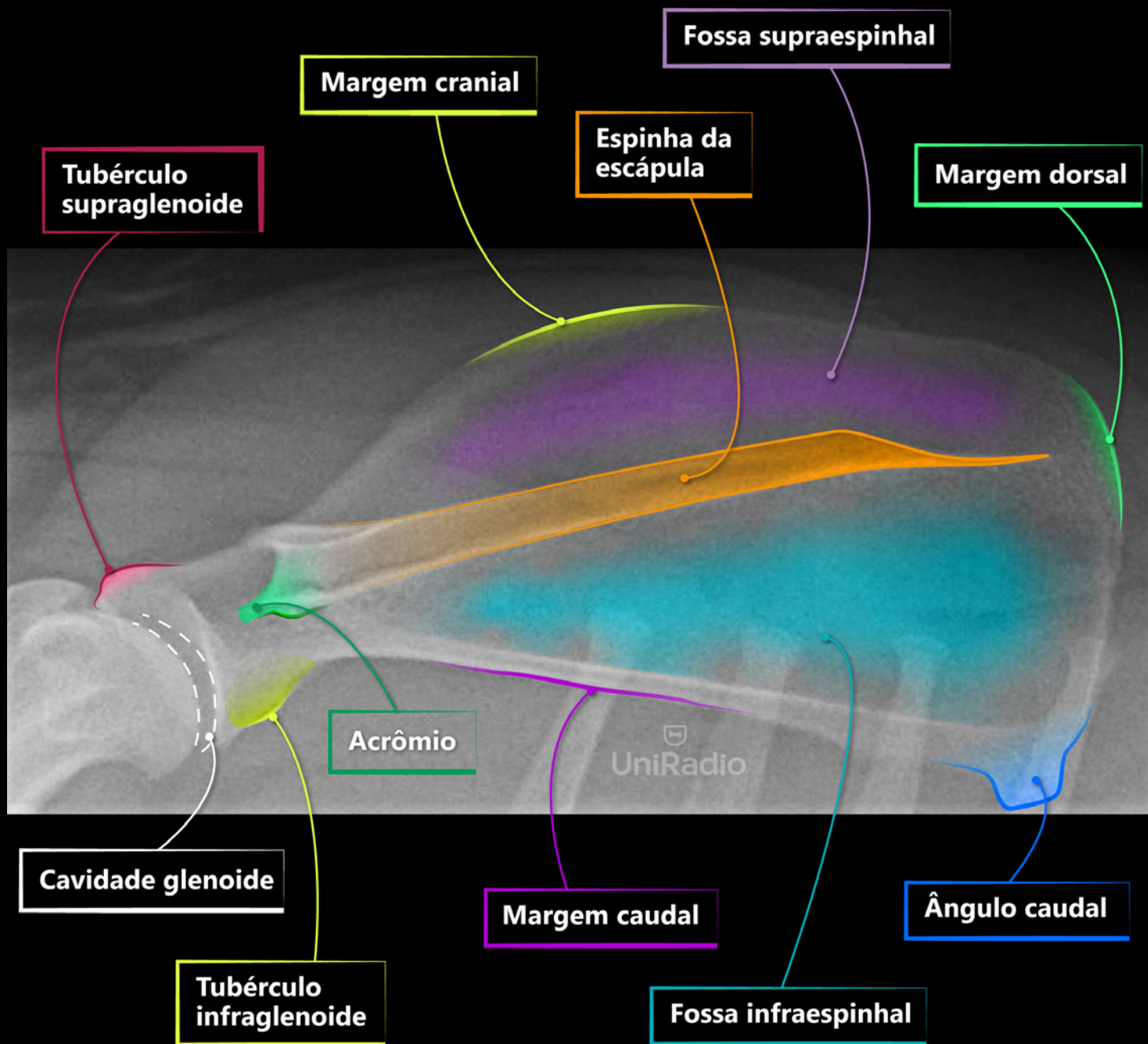
MEMBRO TORÁCICO . ESCÁPULA

Lateromedial



MEMBRO TORÁCICO . ESCÁPULA

Lateromedial



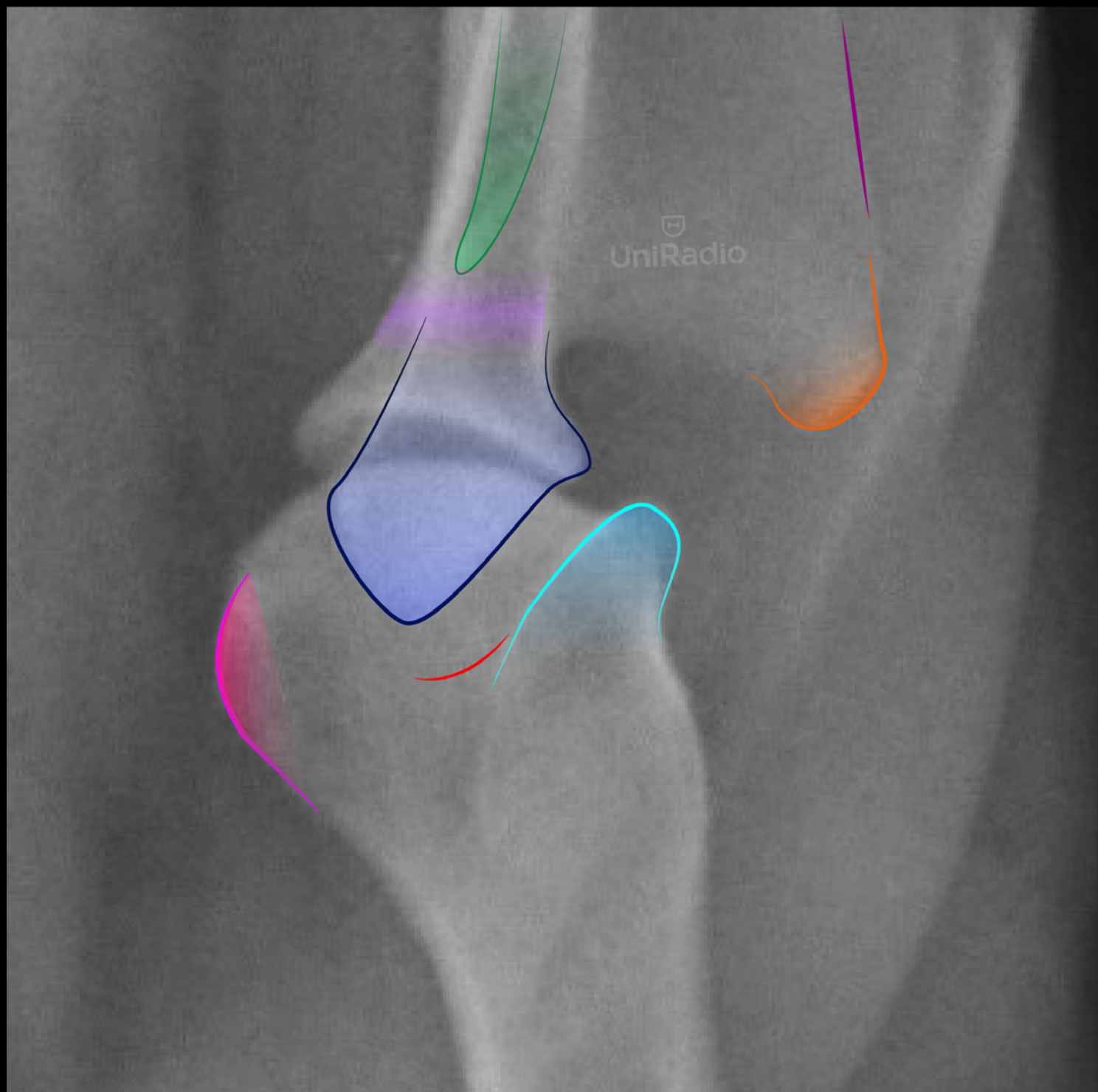
MEMBRO TORÁCICO . OMBRO

Caudocranial



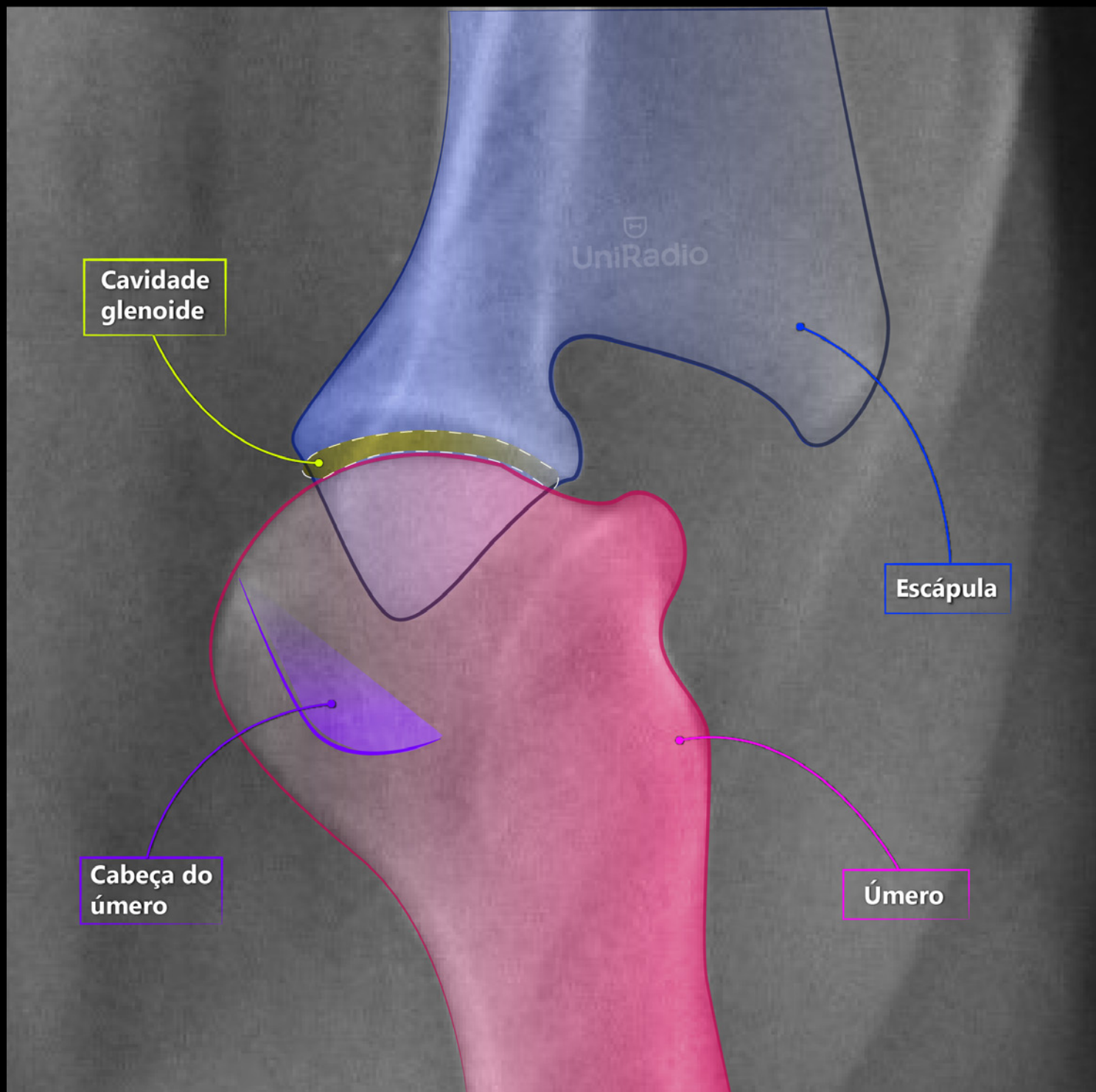
MEMBRO TORÁCICO . OMBRO

Caudocranial



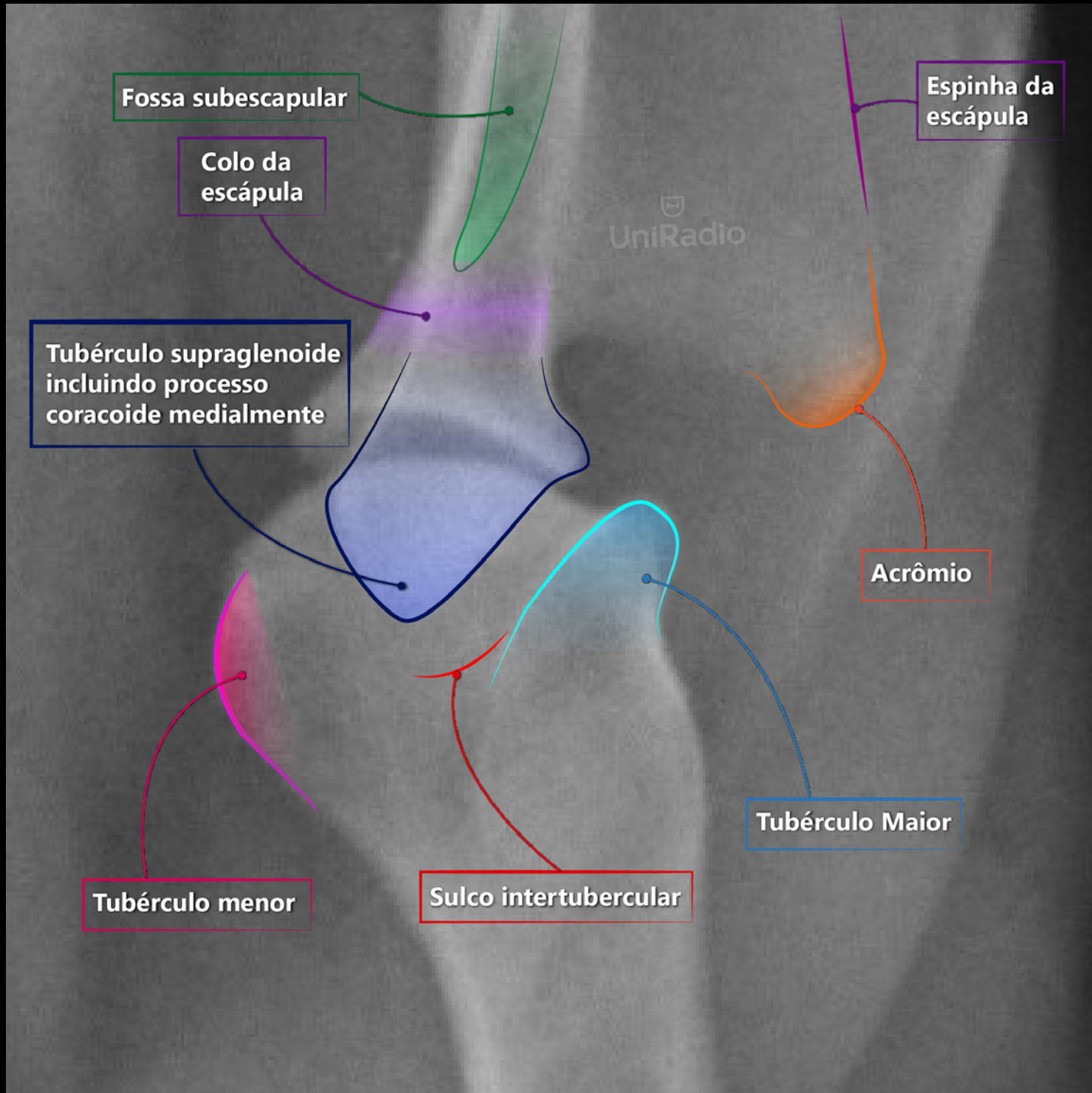
MEMBRO TORÁCICO . OMBRO

Caudocranial



MEMBRO TORÁCICO . OMBRO

Caudocranial



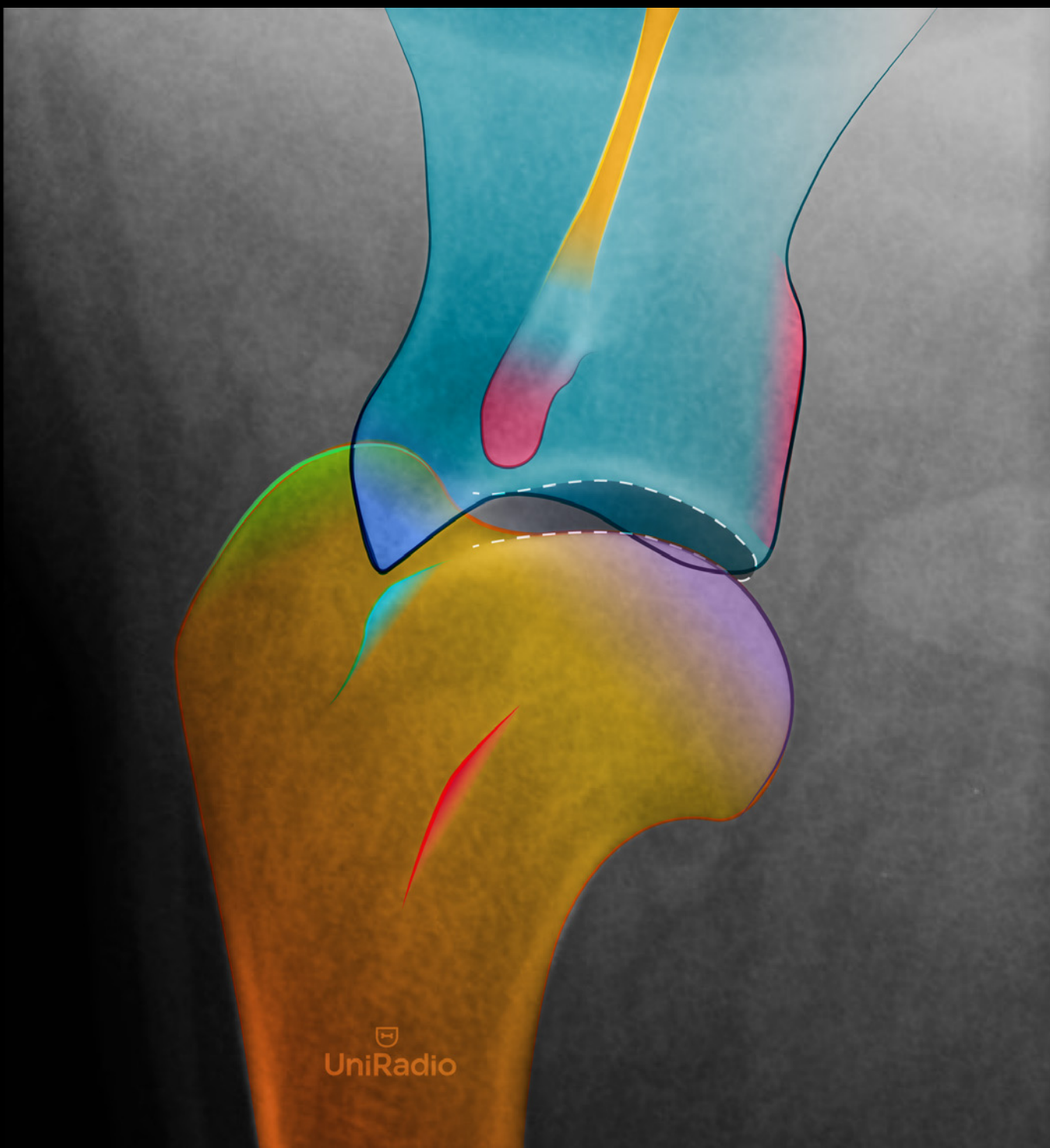
MEMBRO TORÁCICO . OMBRO

Mediolateral



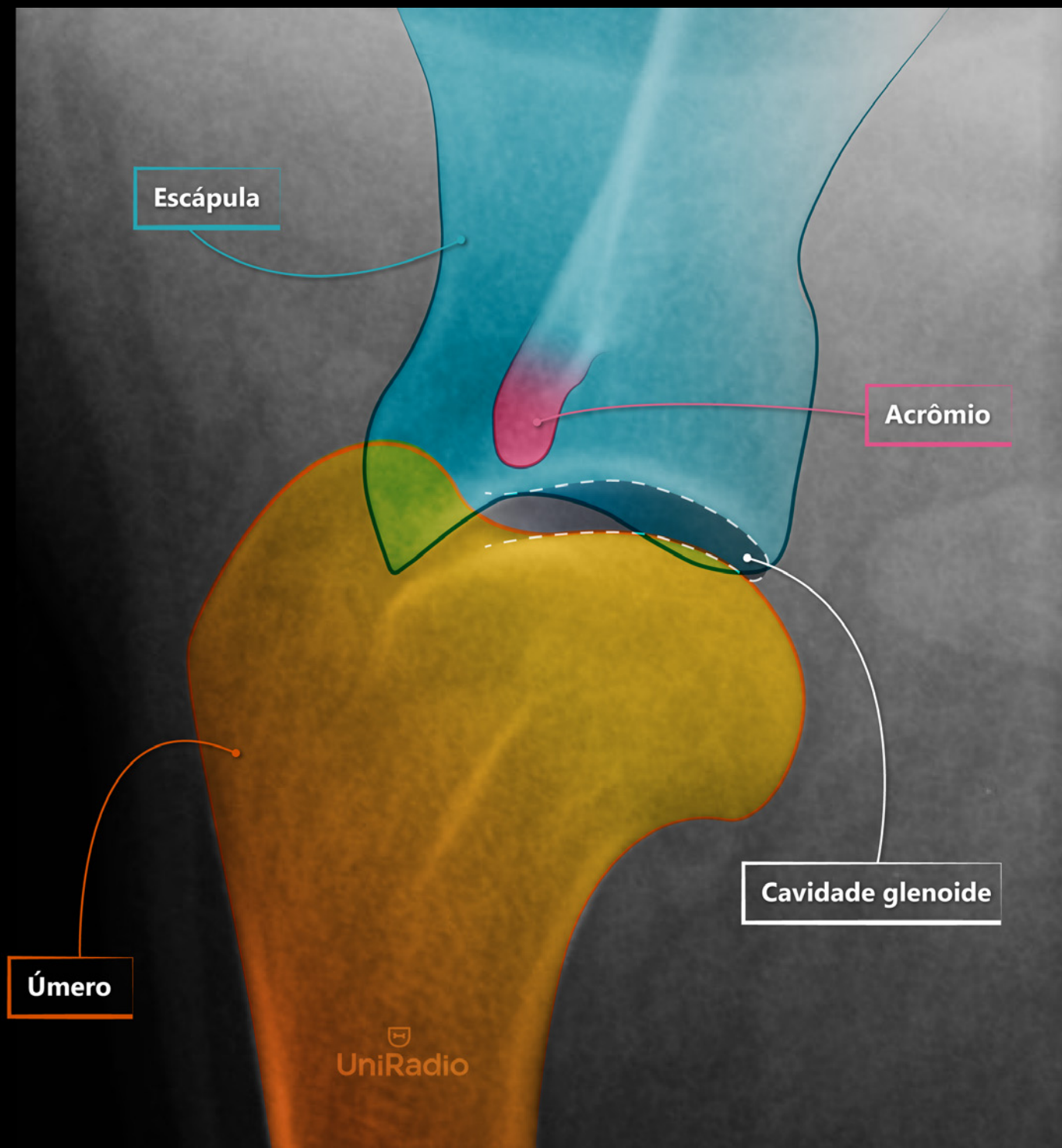
MEMBRO TORÁCICO . OMBRO

Mediolateral



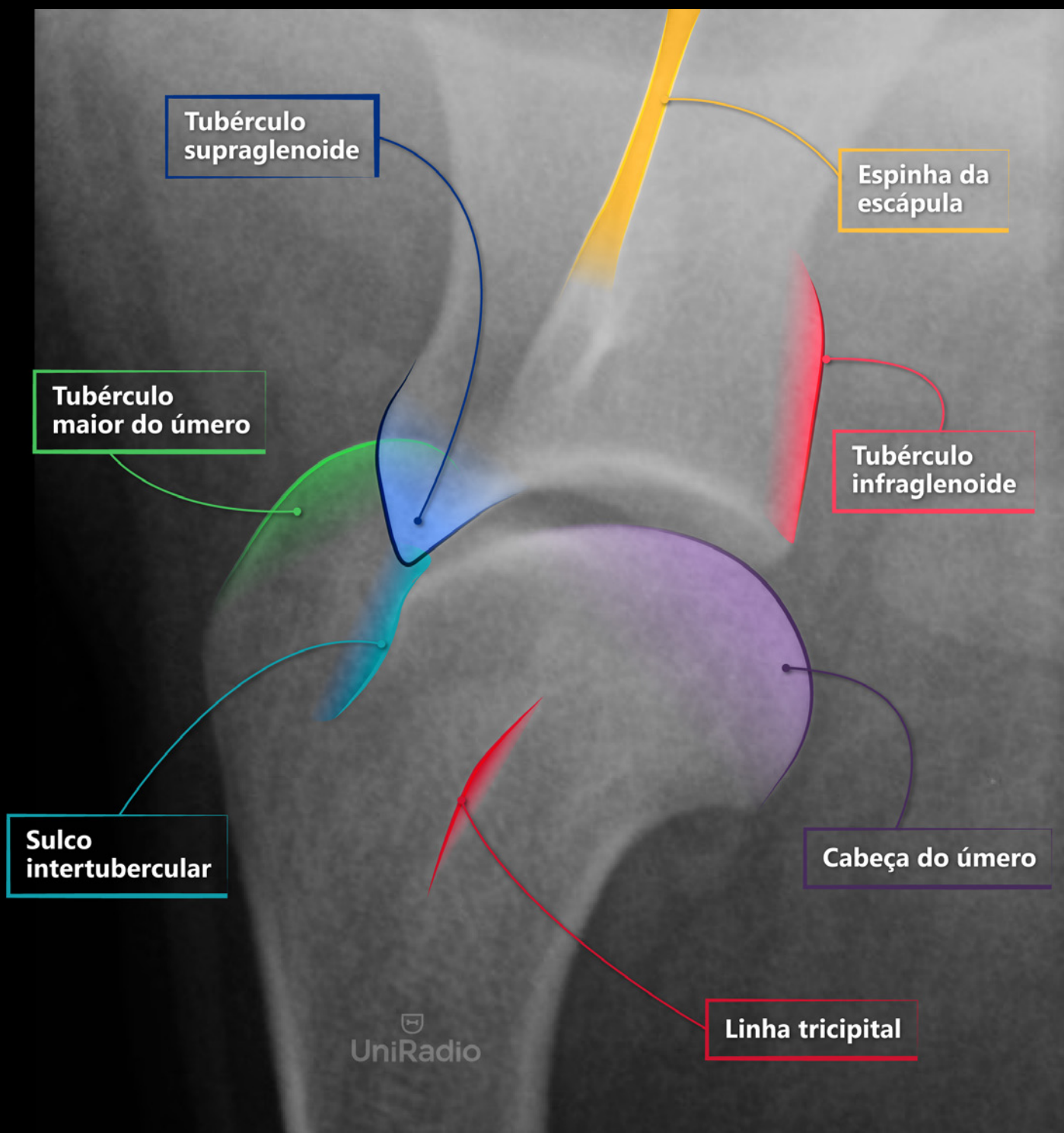
MEMBRO TORÁCICO . OMBRO

Mediolateral



MEMBRO TORÁCICO . OMBRO


Mediolateral



MEMBRO TORÁCICO . OMBRO

Mediolateral pronada

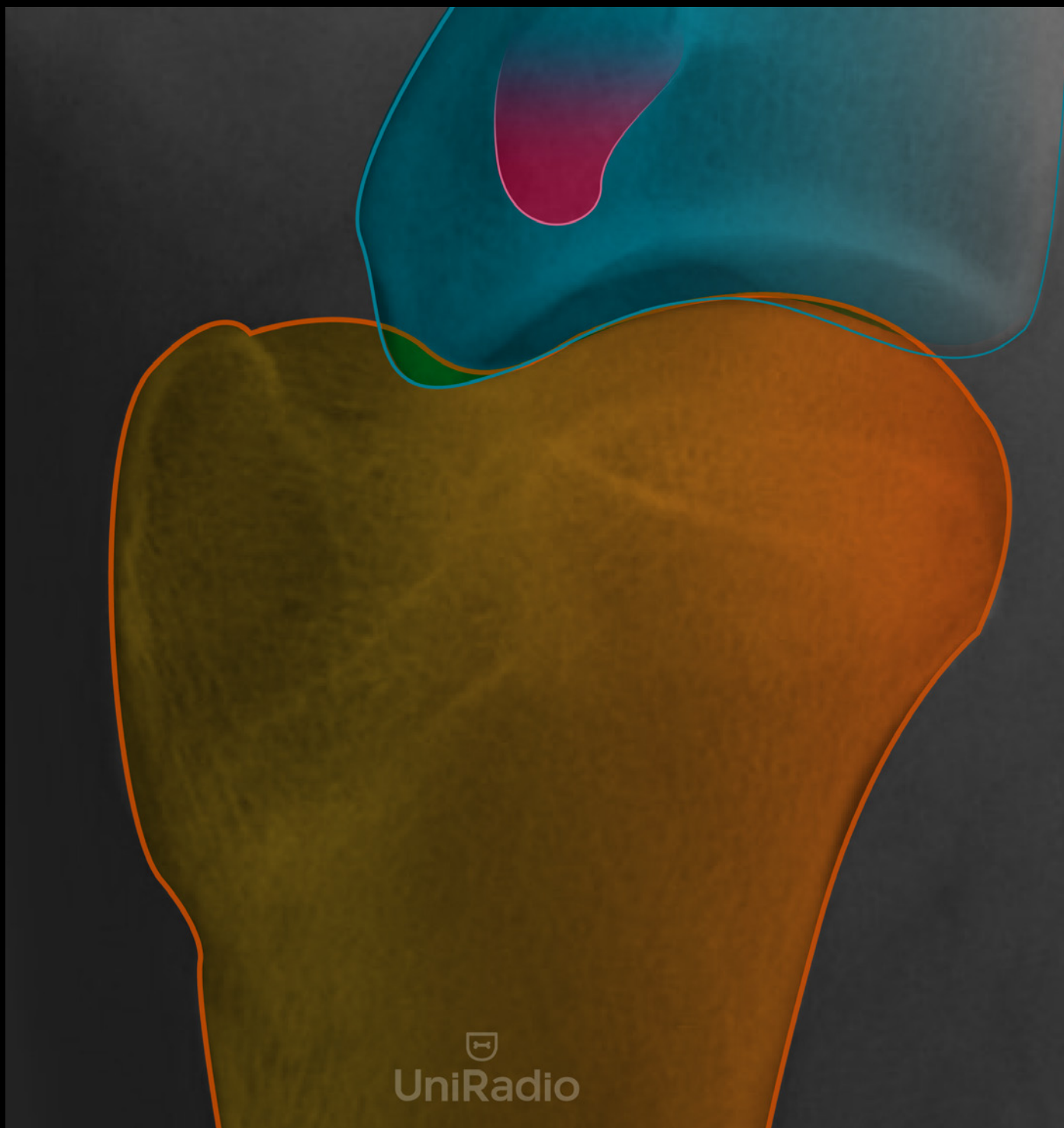



UniRadio



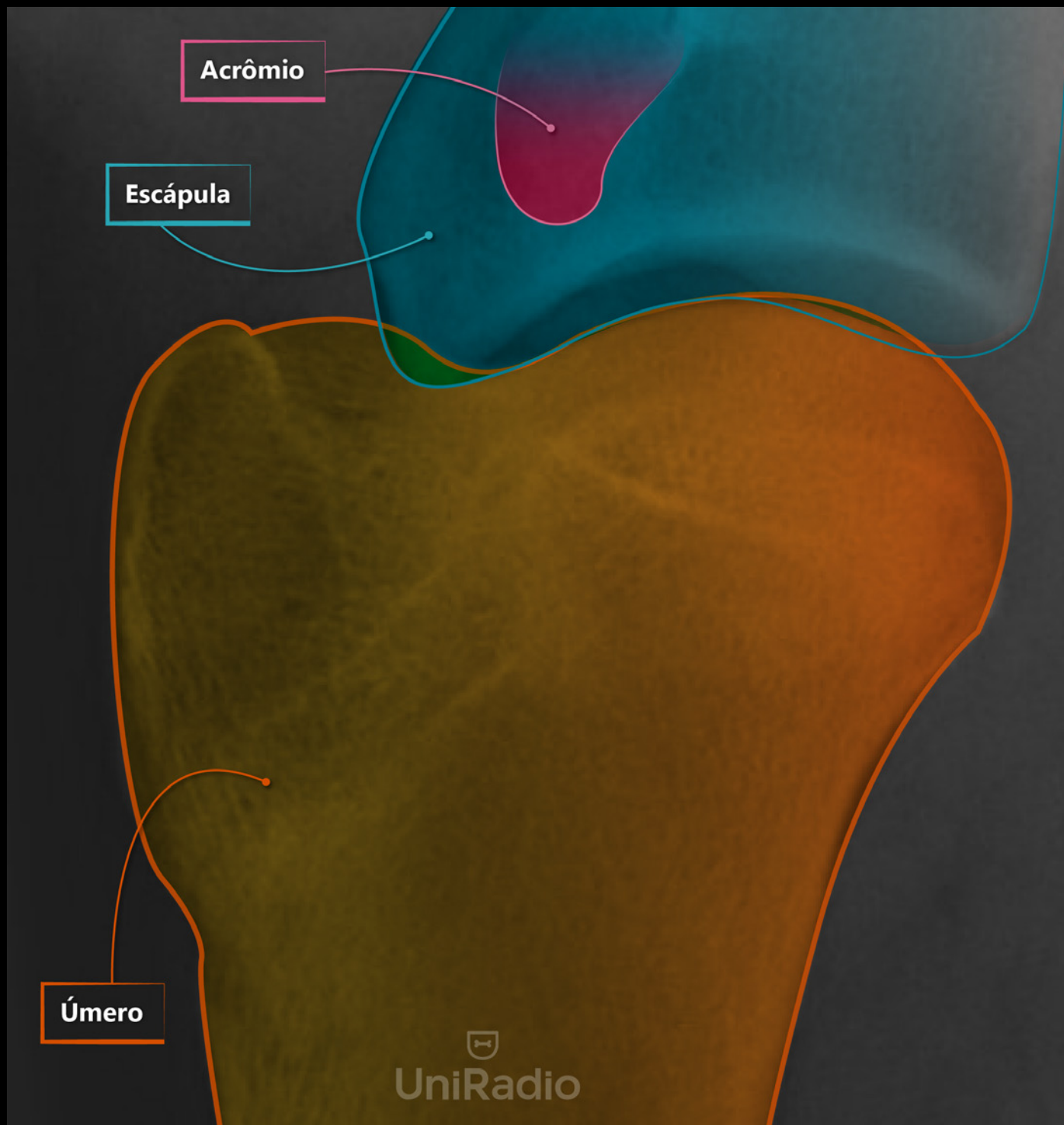
MEMBRO TORÁCICO . OMBRO

Mediolateral pronada



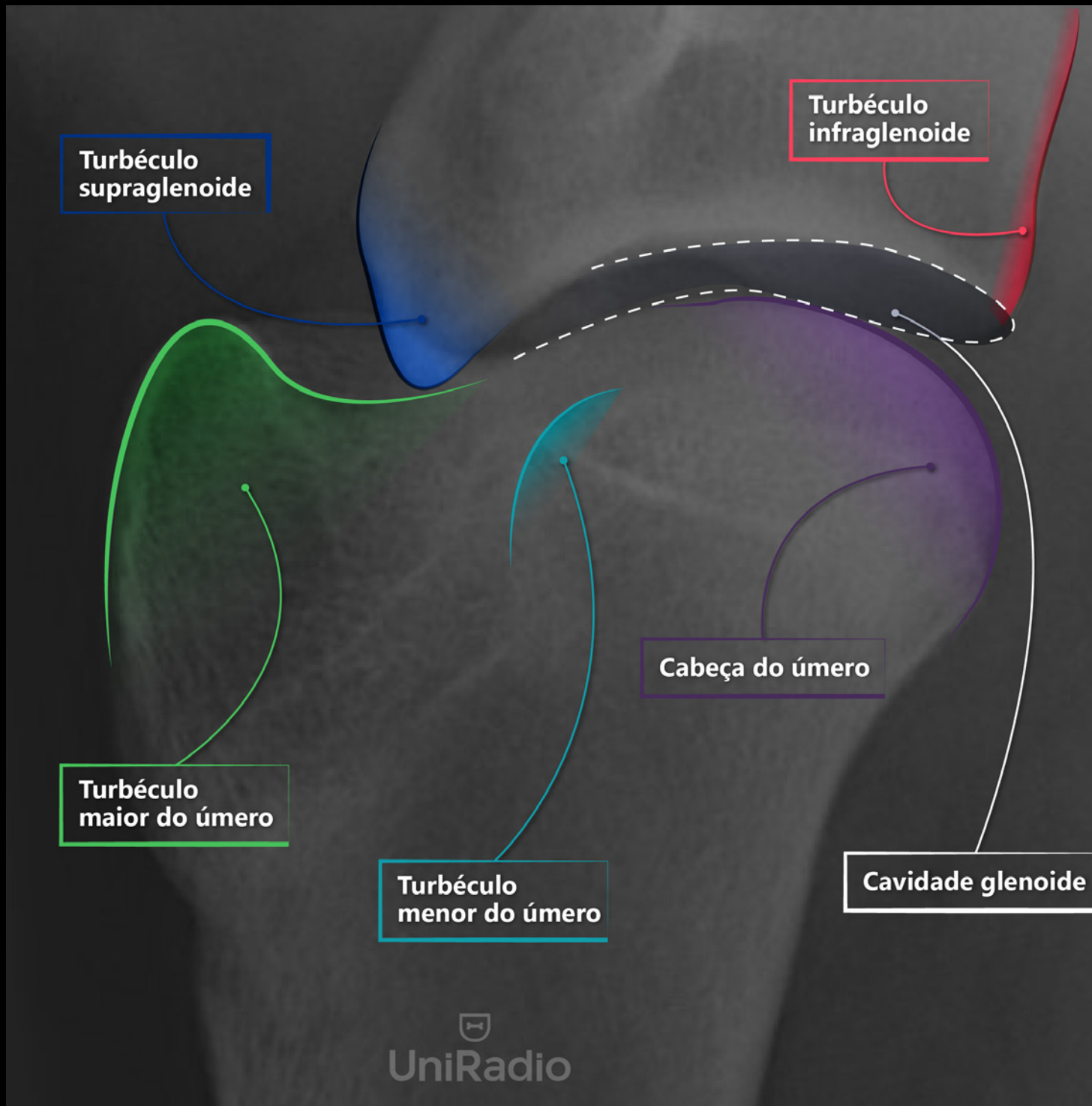
MEMBRO TORÁCICO . OMBRO

Mediolateral pronada



MEMBRO TORÁCICO . OMBRO

Mediolateral pronada



MEMBRO TORÁCICO . ÚMERO

Mediolateral



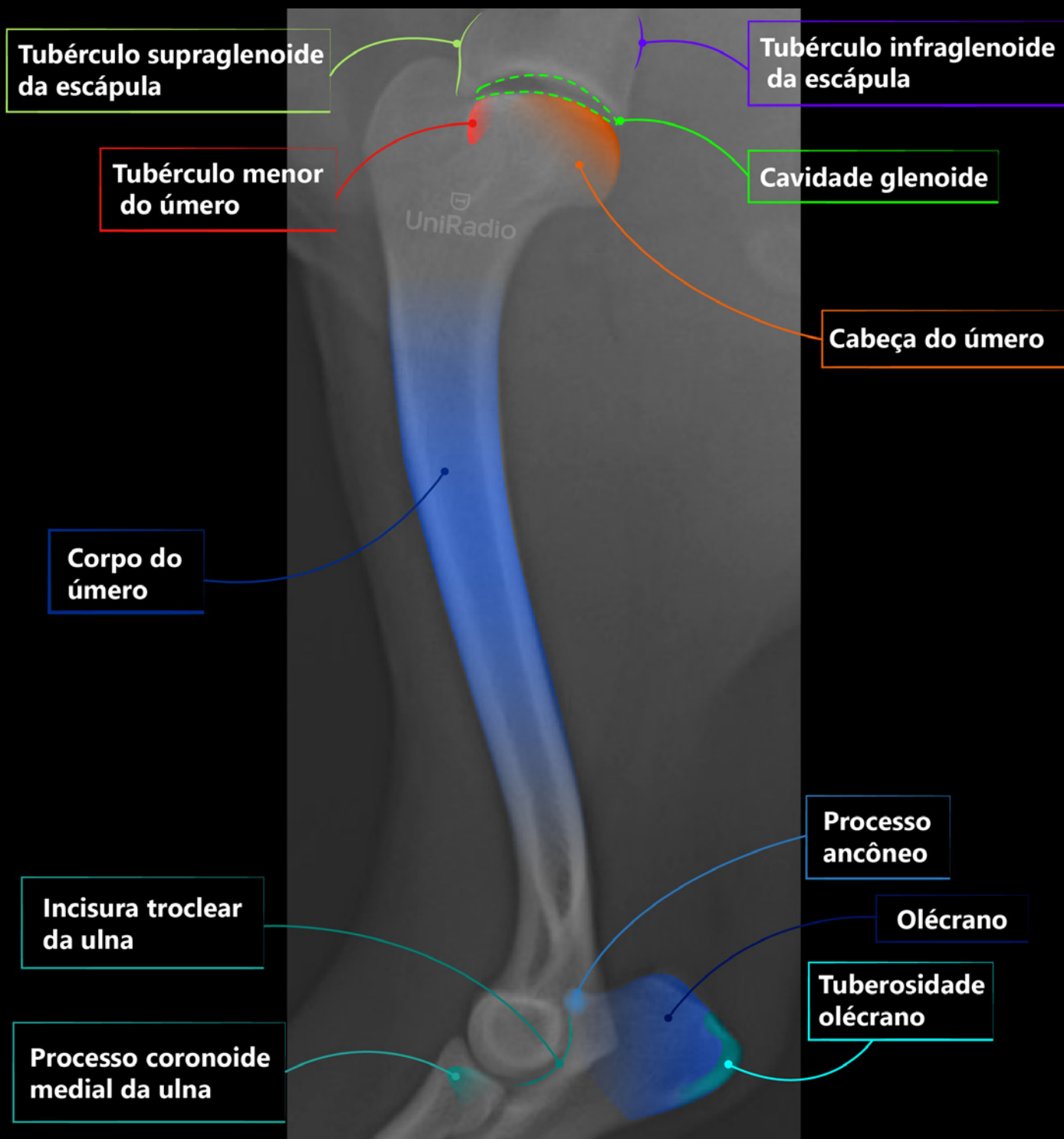
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Mediolateral



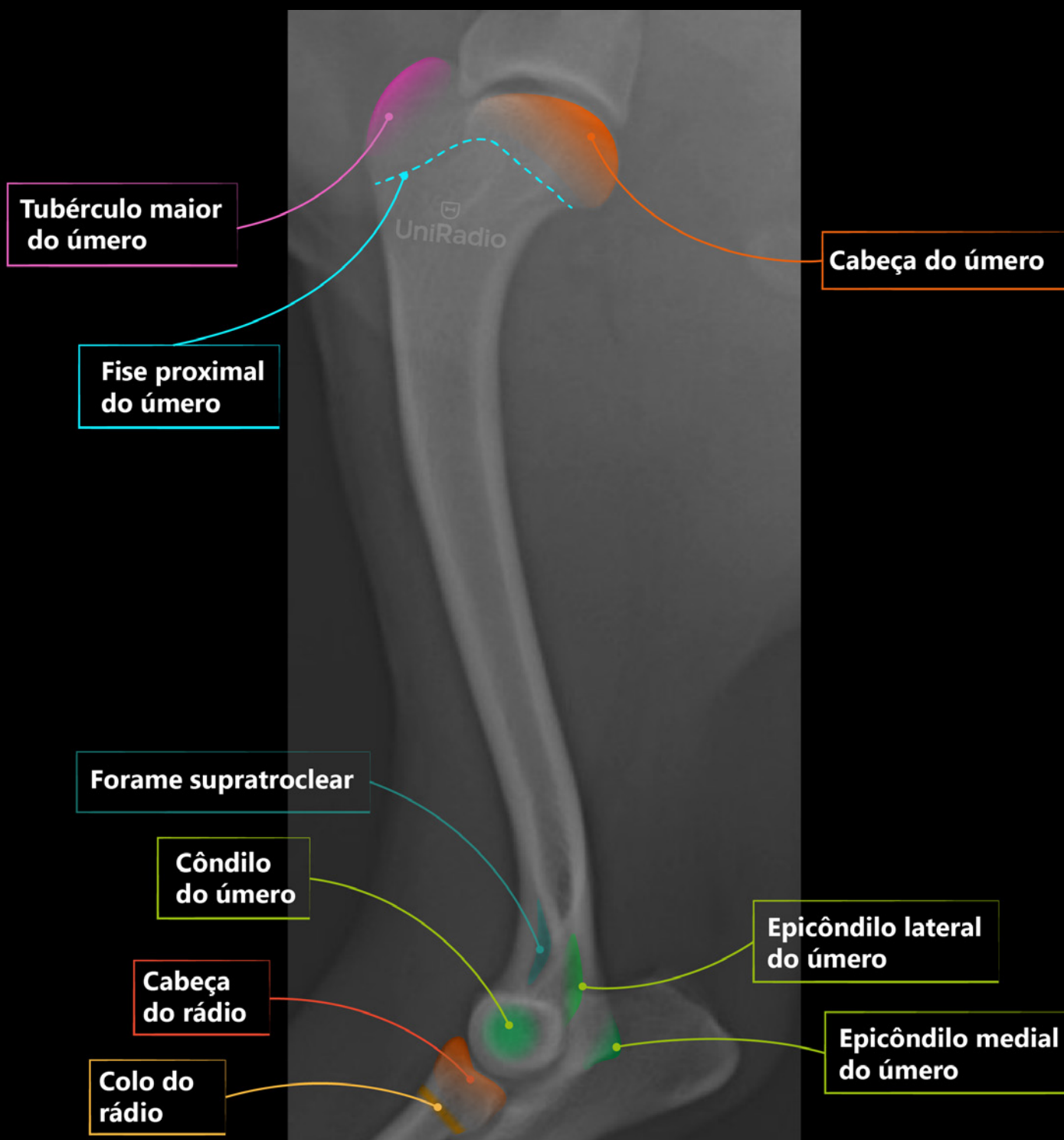
MEMBRO TORÁCICO . ÚMERO

Mediolateral



MEMBRO TORÁCICO . ÚMERO

Mediolateral



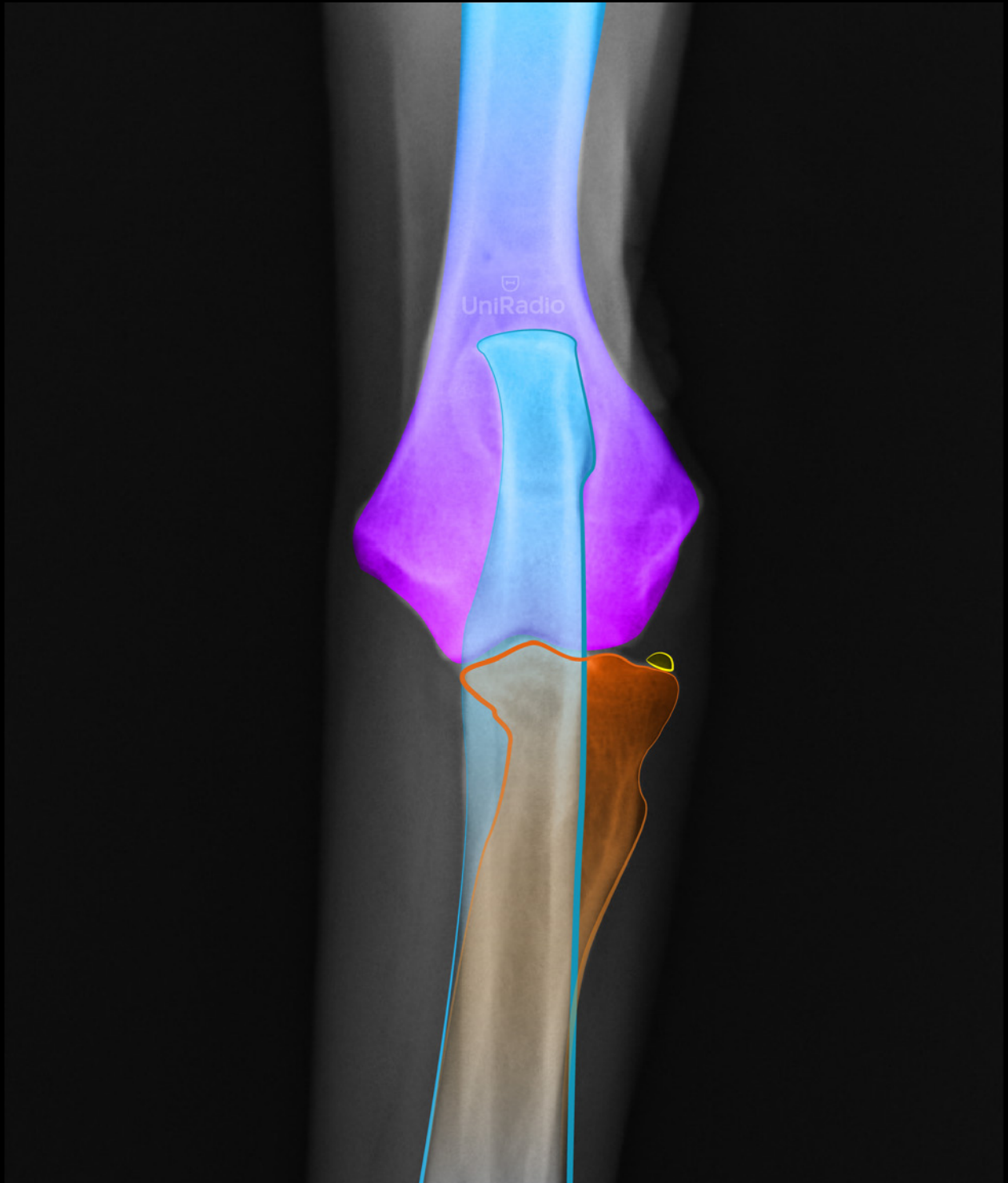
MEMBRO TORÁCICO . COTOVELO

Craniocaudal



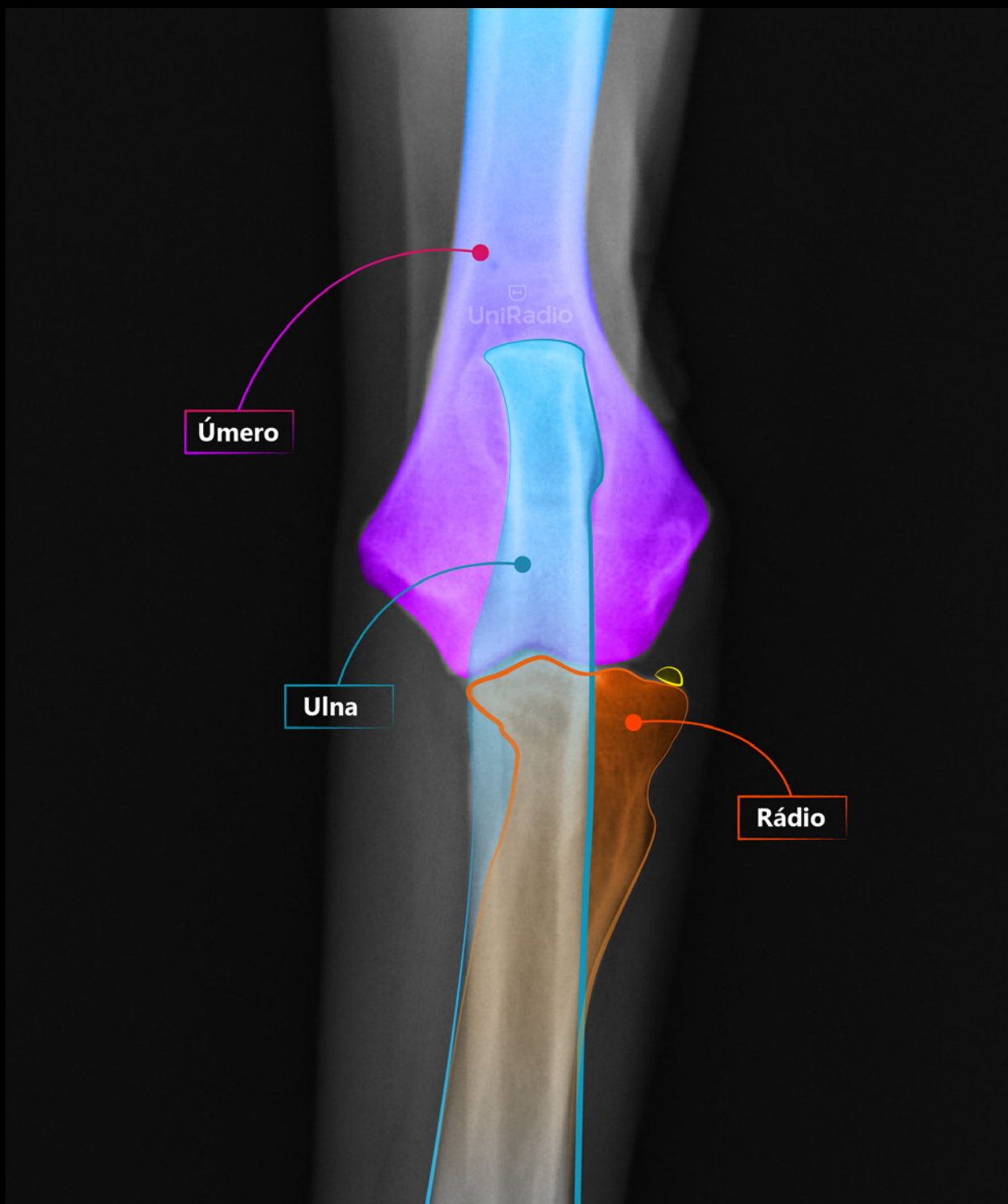
MEMBRO TORÁCICO . COTOVELO

Craniocaudal



MEMBRO TORÁCICO . COTOVELO

Craniocaudal



MEMBRO TORÁCICO . COTOVELO

Craniocaudal



MEMBRO TORÁCICO . COTOVELO

Mediolateral



MEMBRO TORÁCICO . COTOVELO

Mediolateral



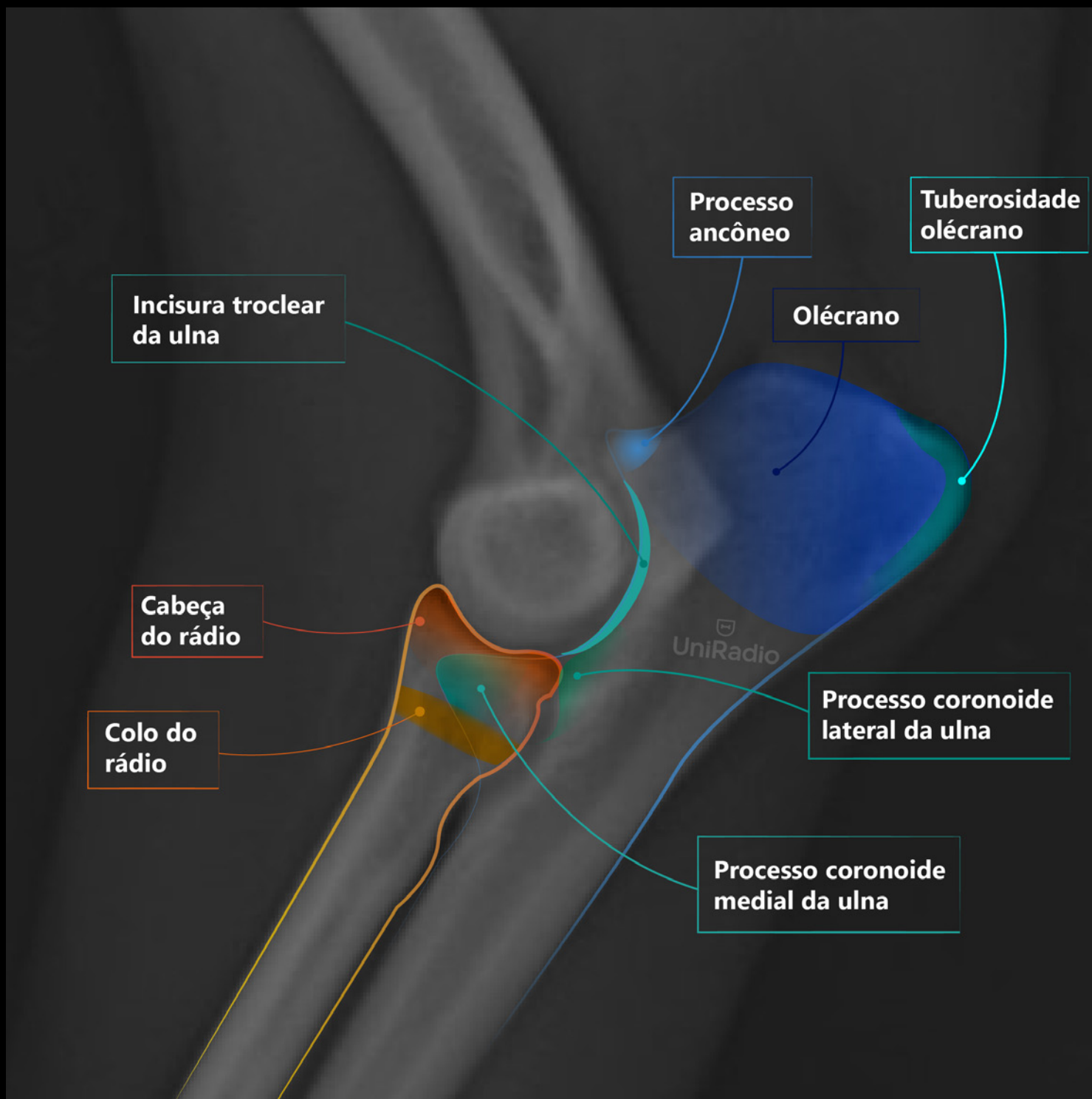
MEMBRO TORÁCICO . COTOVELO

Mediolateral



MEMBRO TORÁCICO . COTOVELO

Mediolateral



MEMBRO TORÁCICO . COTOVELO

Mediolateral



MEMBRO TORÁCICO . RÁDIO E ULNA

Mediolateral



 UniRadio



MEMBRO TORÁCICO . RÁDIO E ULNA

Mediolateral

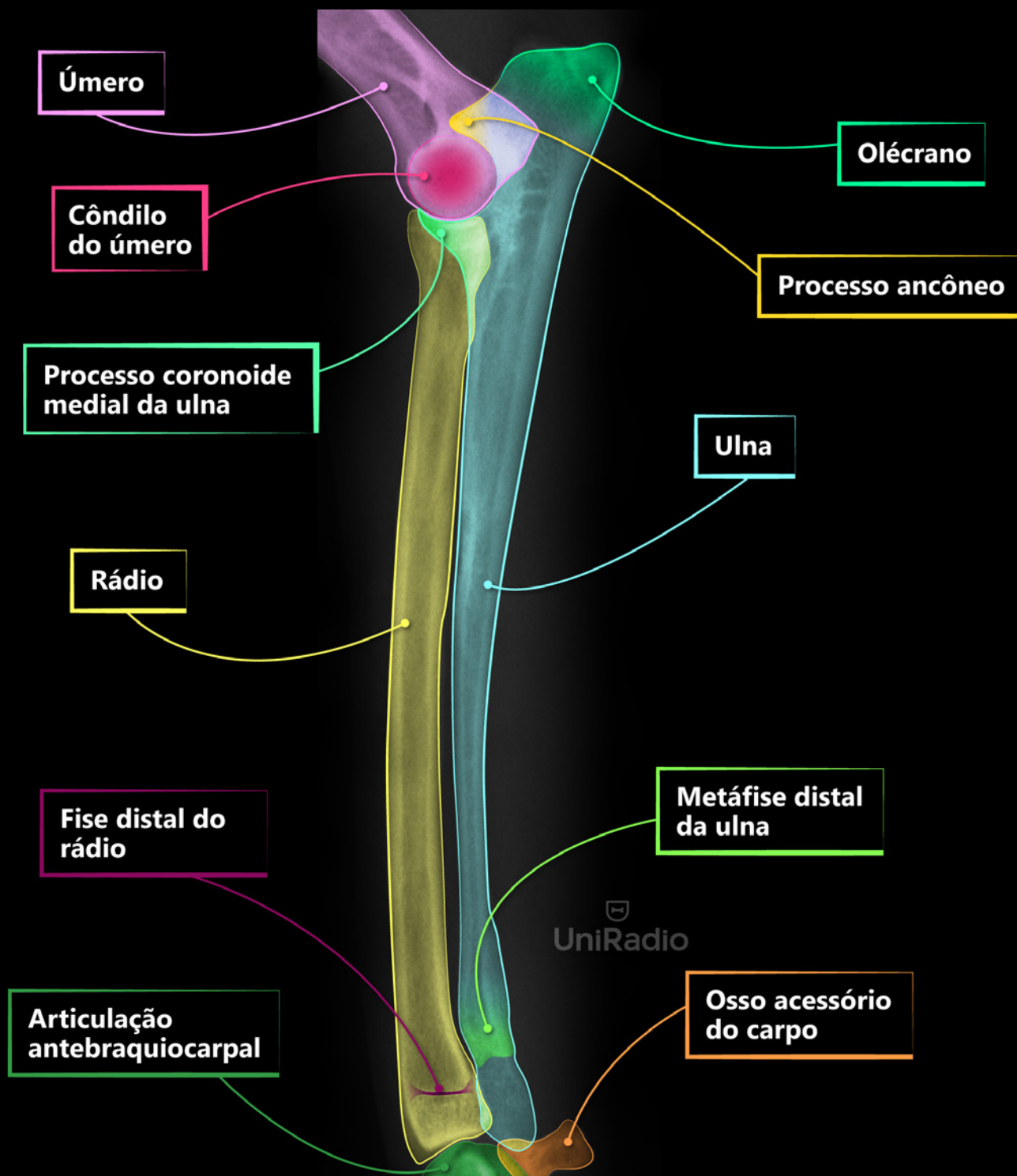


UniRadio



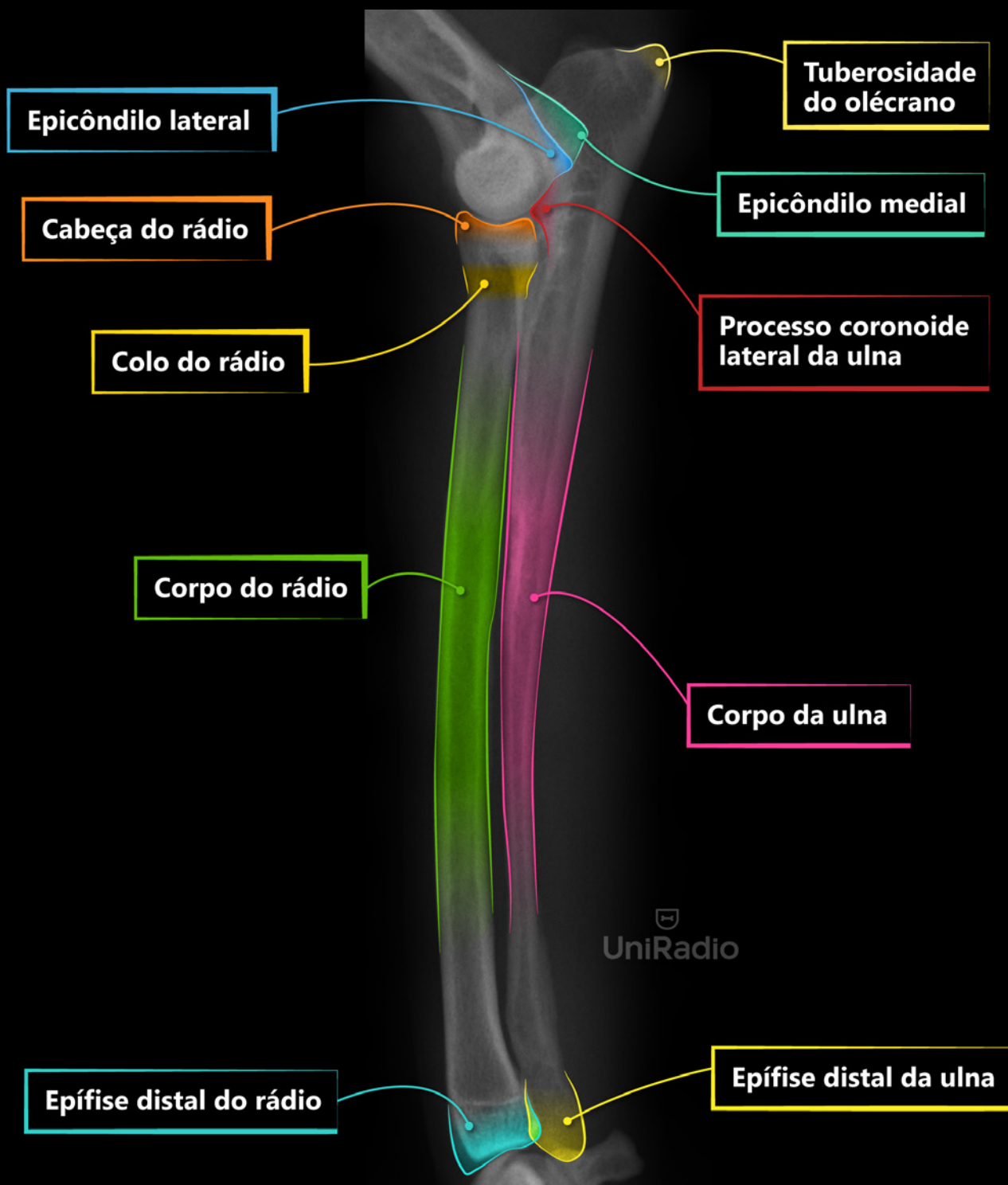
MEMBRO TORÁCICO . RÁDIO E ULNA

Mediolateral



MEMBRO TORÁCICO . RÁDIO E ULNA

Mediolateral



MEMBRO TORÁCICO . CARPO

Dorsopalmar



MEMBRO TORÁCICO . CARPO

Dorsopalmar



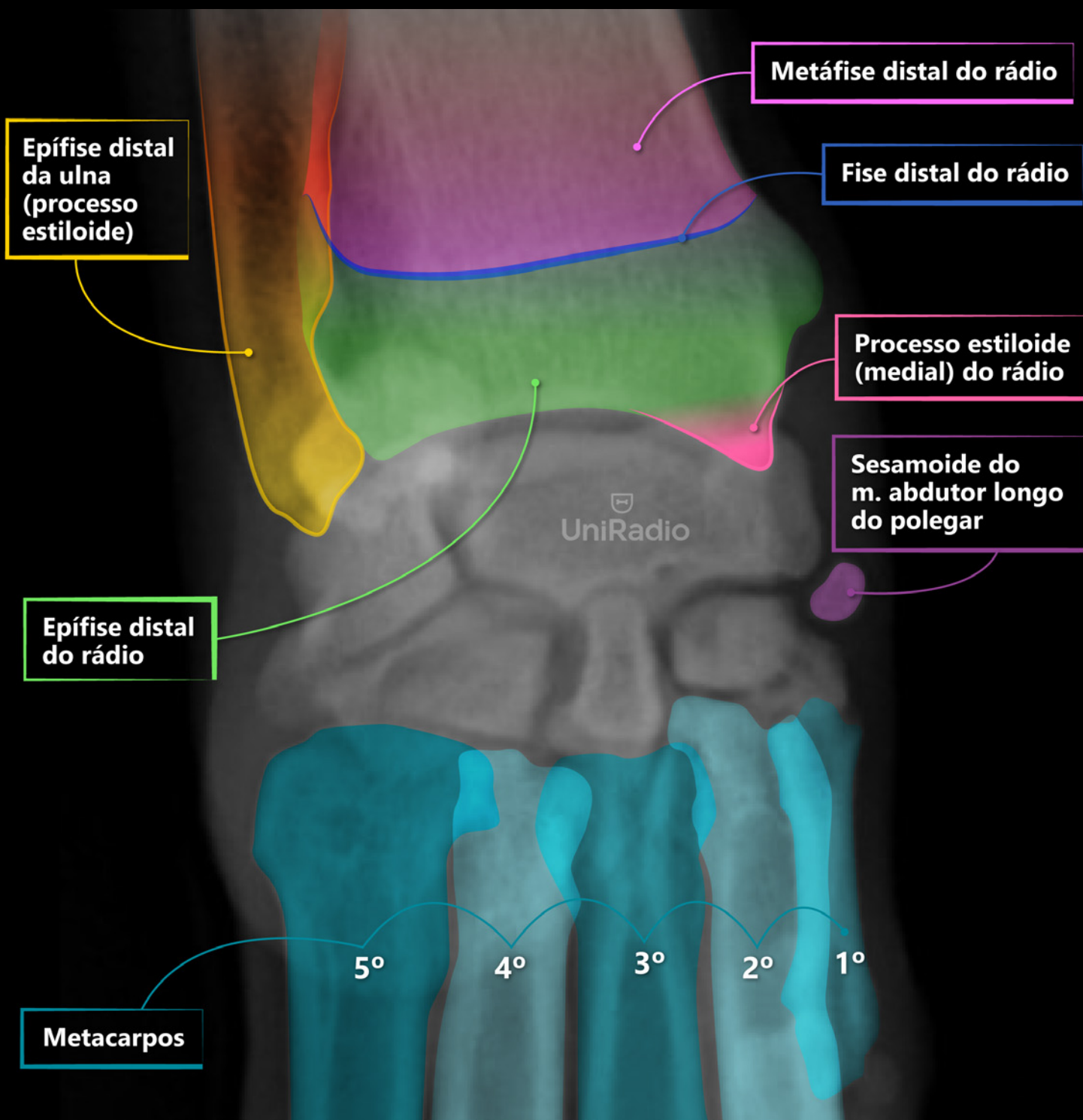
MEMBRO TORÁCICO . CARPO

Dorsopalmar



MEMBRO TORÁCICO . CARPO

Dorsopalmar



MEMBRO TORÁCICO . DÍGITOS

Dorsopalmar



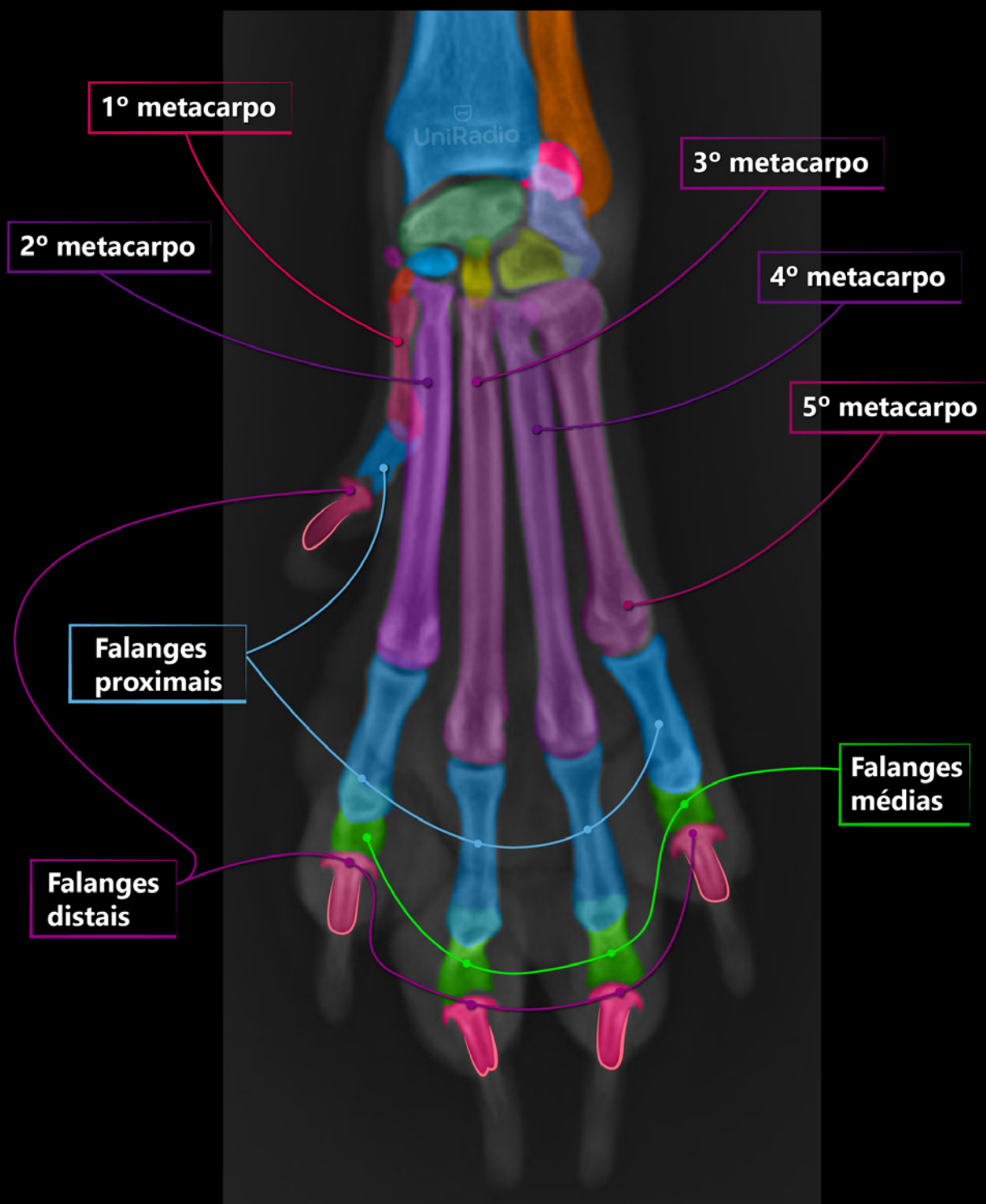
MEMBRO TORÁCICO . DÍGITOS

Dorsopalmar



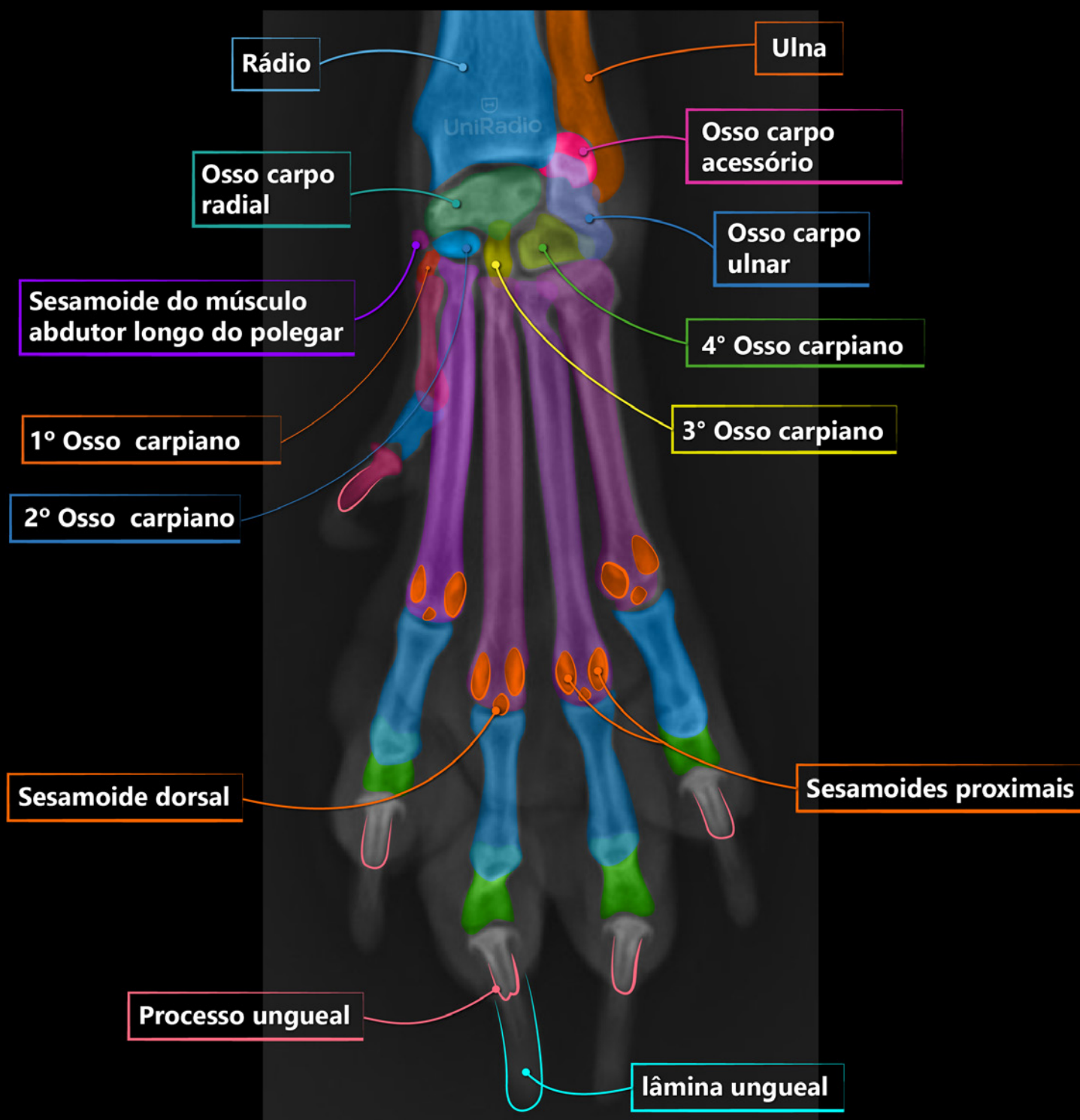
MEMBRO TORÁCICO . DÍGITOS

Dorsopalmar



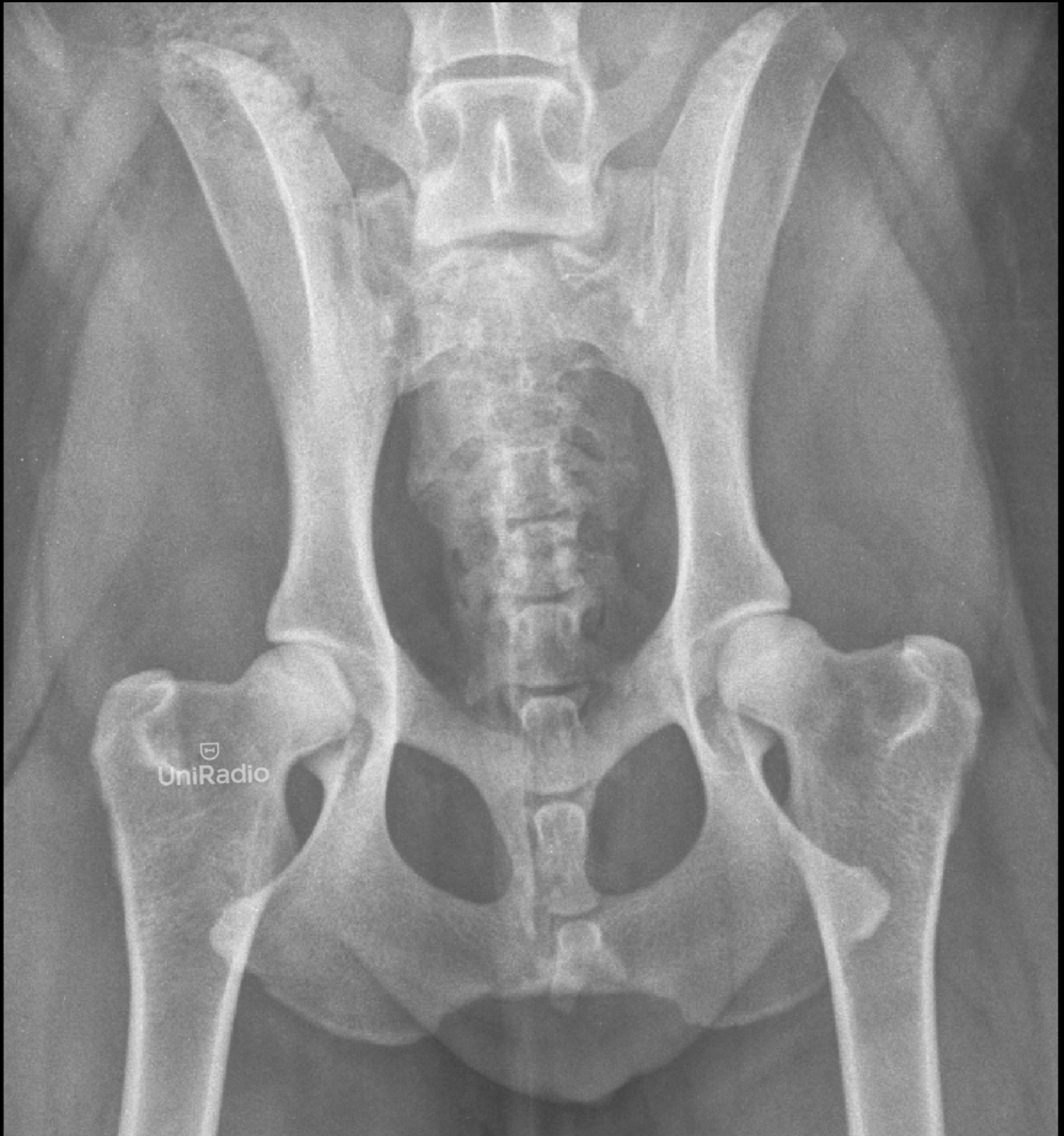
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Dorsopalmar



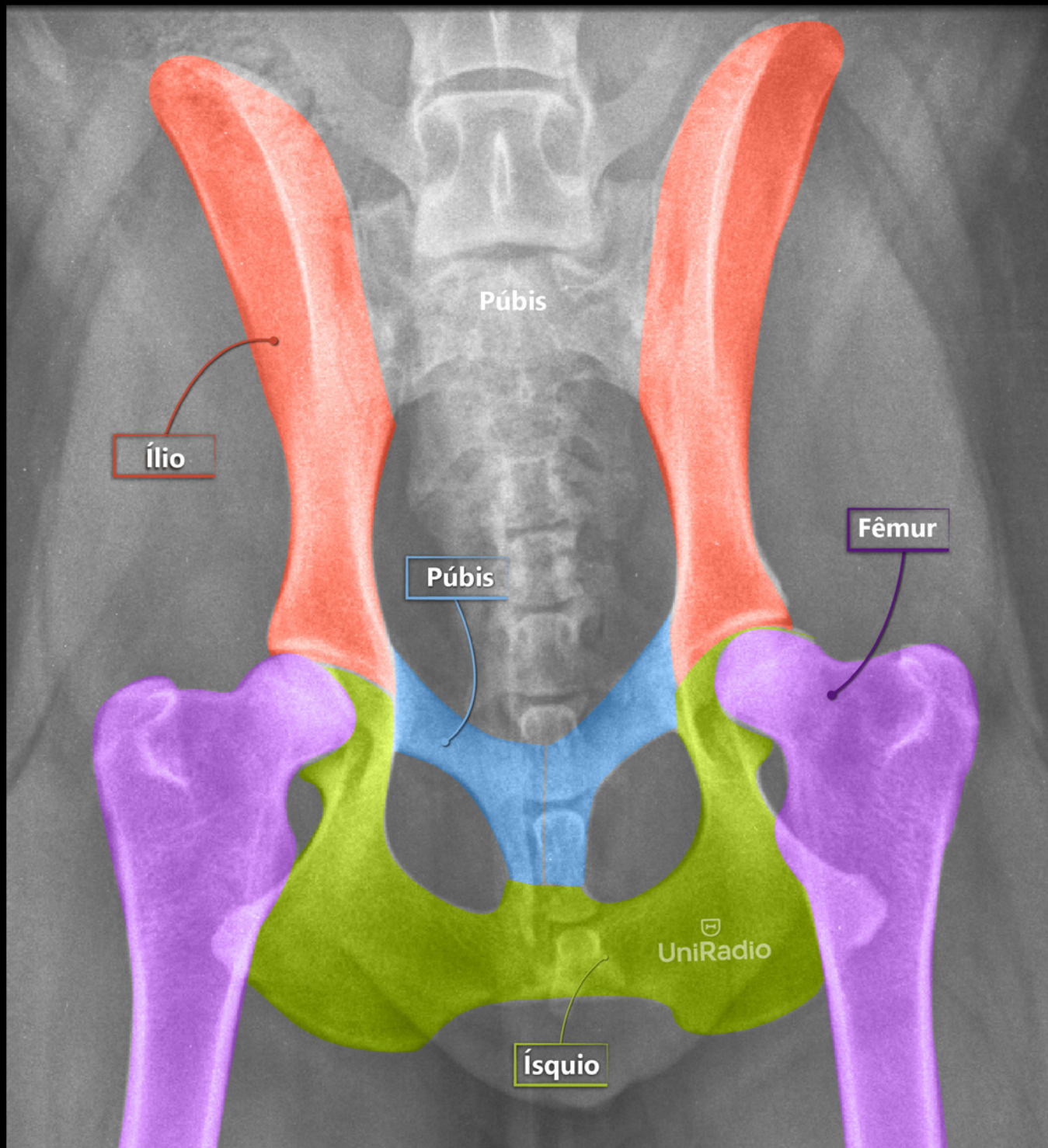
MEMBRO PÉLVICO . PELVE E COXOFEMORAL

Ventrodorsal com membros estendidos



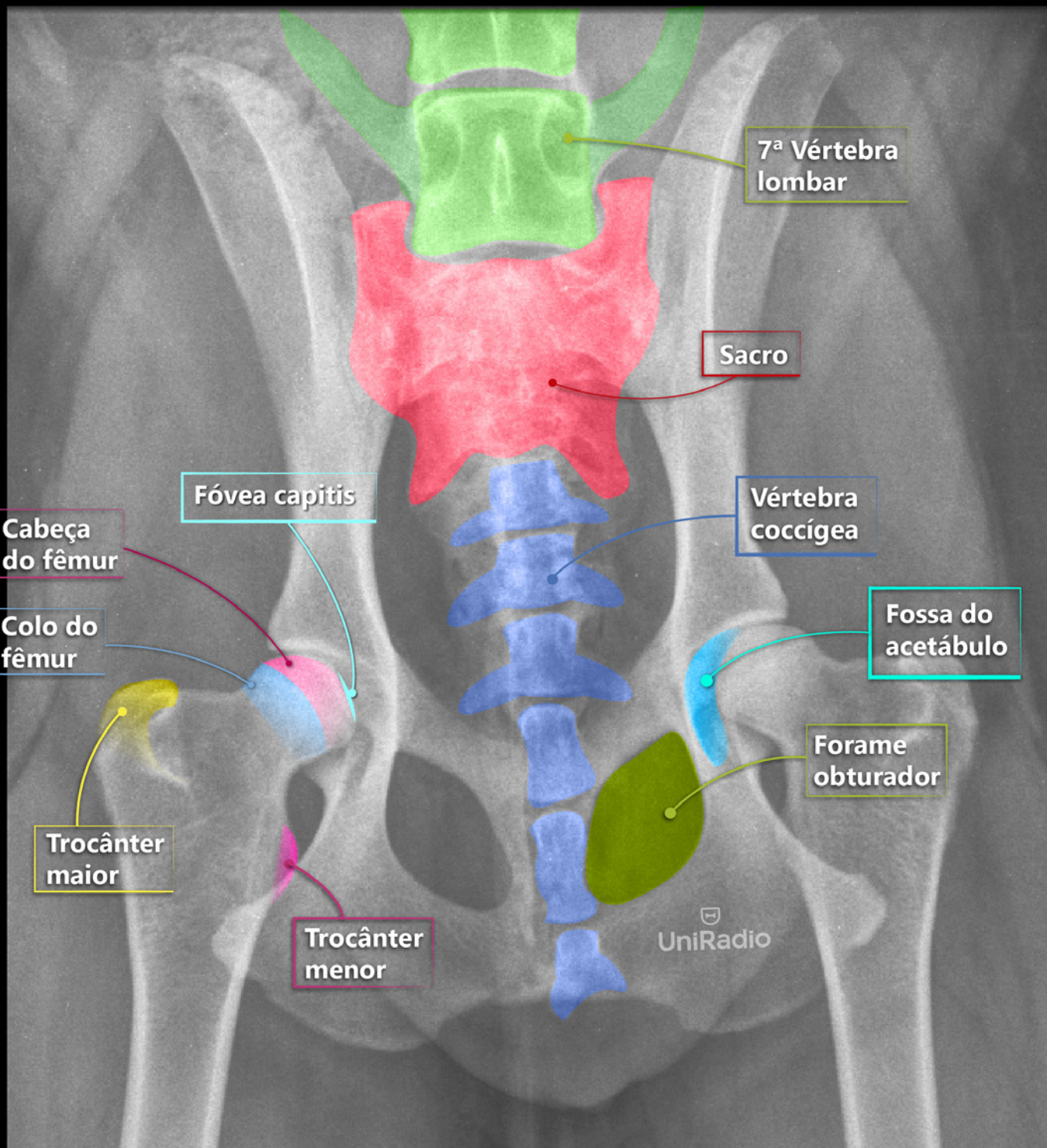
MEMBRO PÉLVICO . PELVE E COXOFEMORAL

Ventrodorsal com membros estendidos



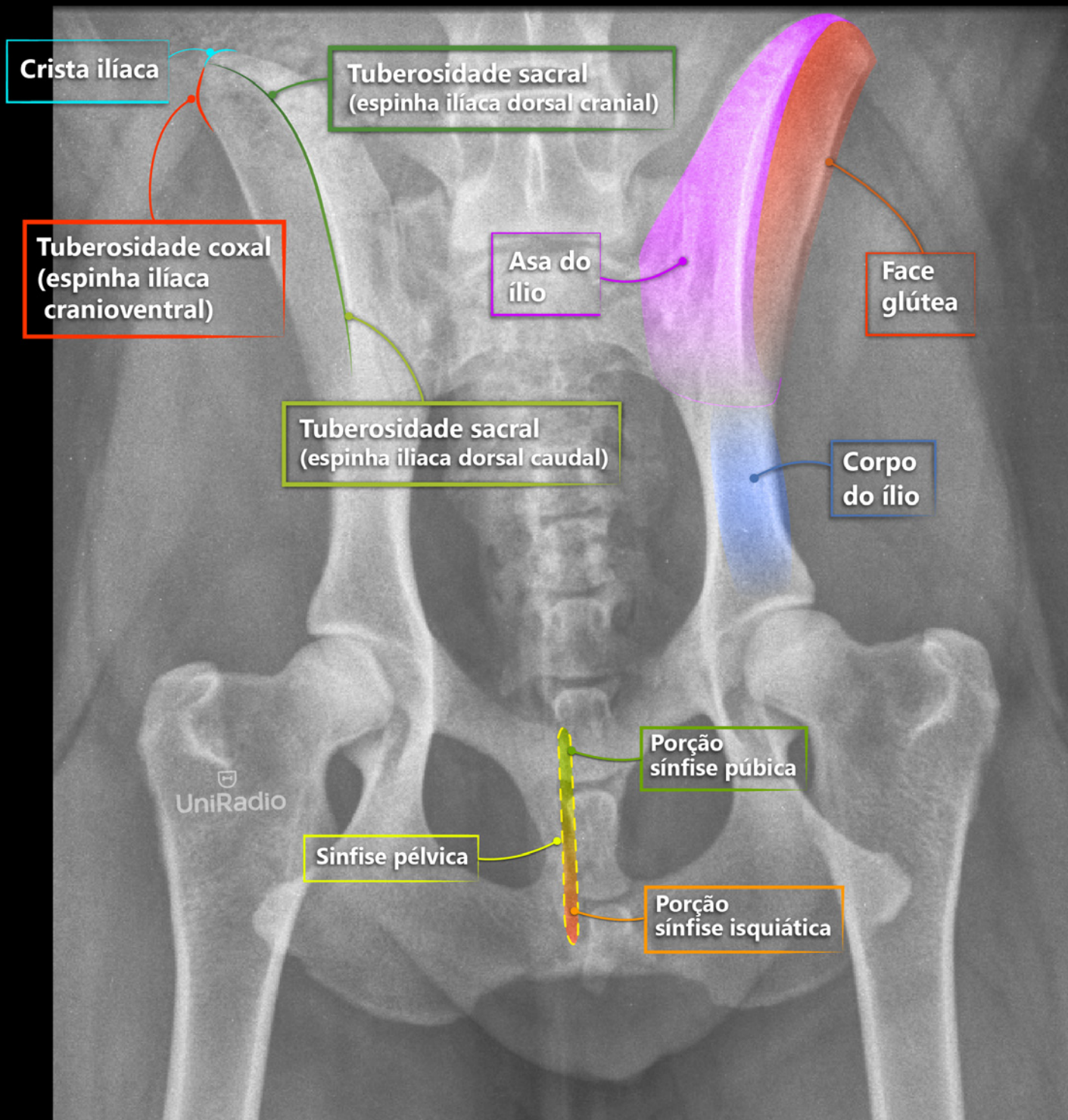
MEMBRO PÉLVICO . PELVE E COXOFEMORAL

Ventrodorsal com membros estendidos



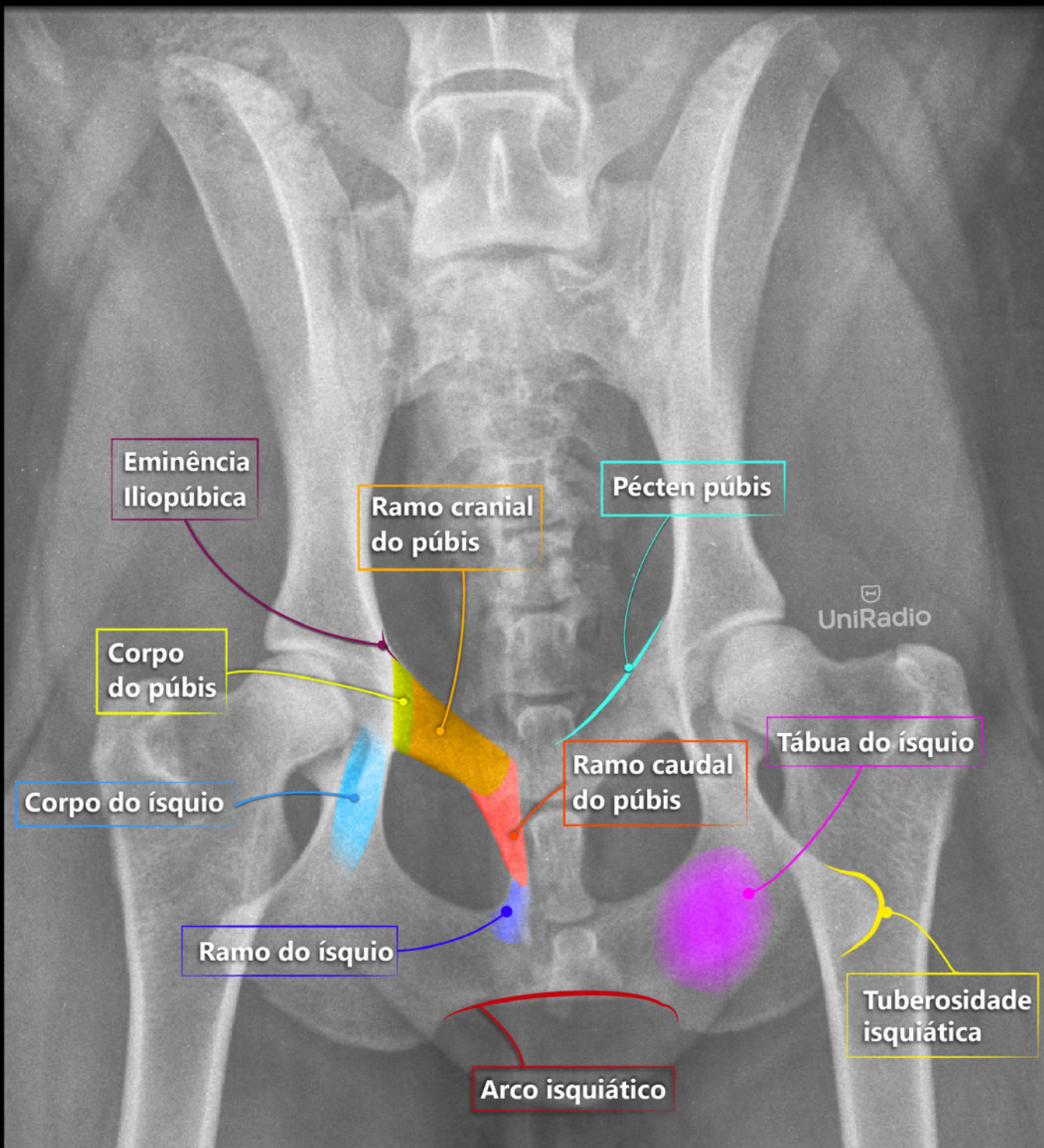
MEMBRO PÉLVICO . PELVE E COXOFEMORAL

Ventrodorsal com membros estendidos



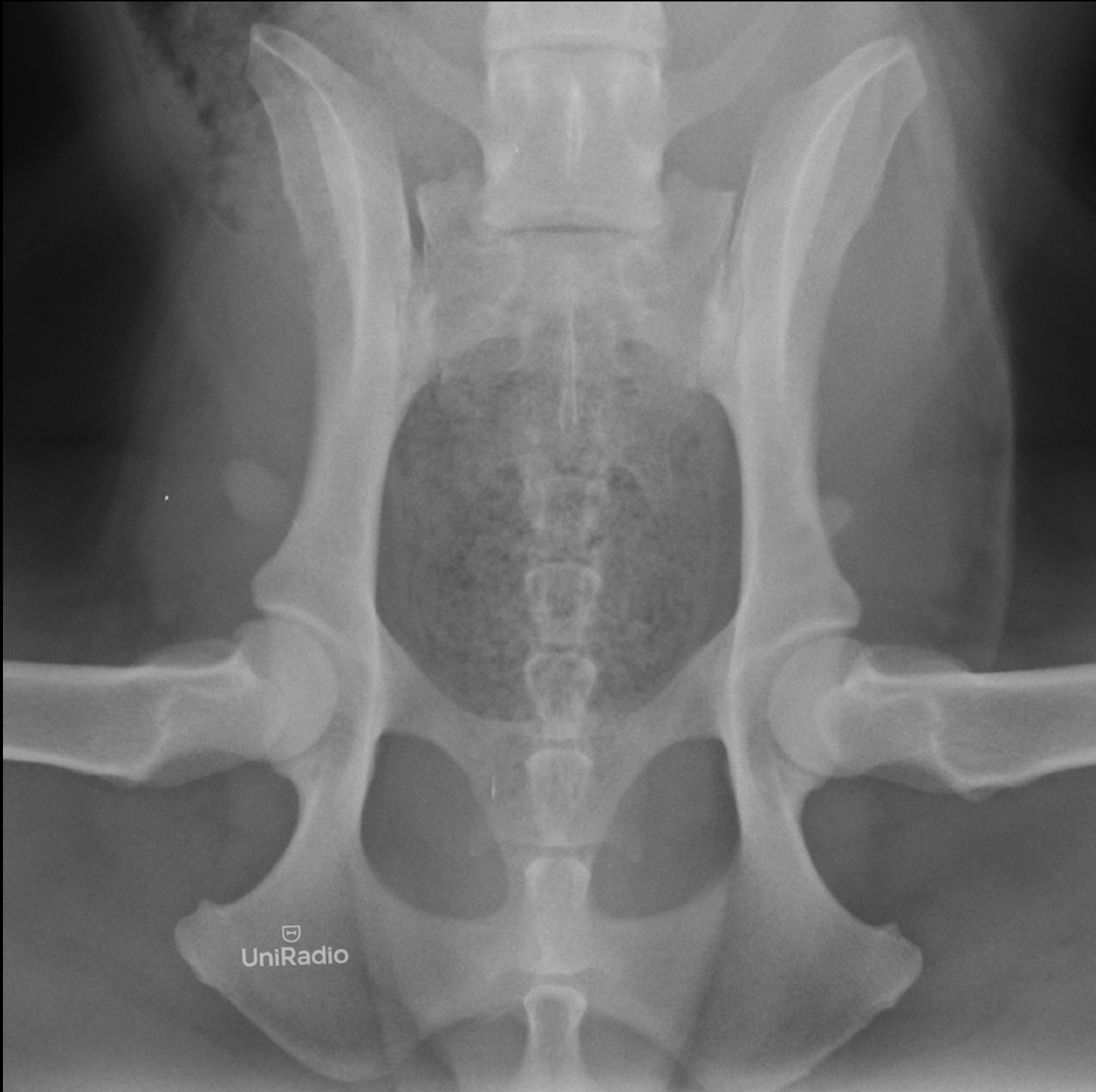
MEMBRO PÉLVICO . PELVE E COXOFEMORAL

Ventrodorsal com membros estendidos



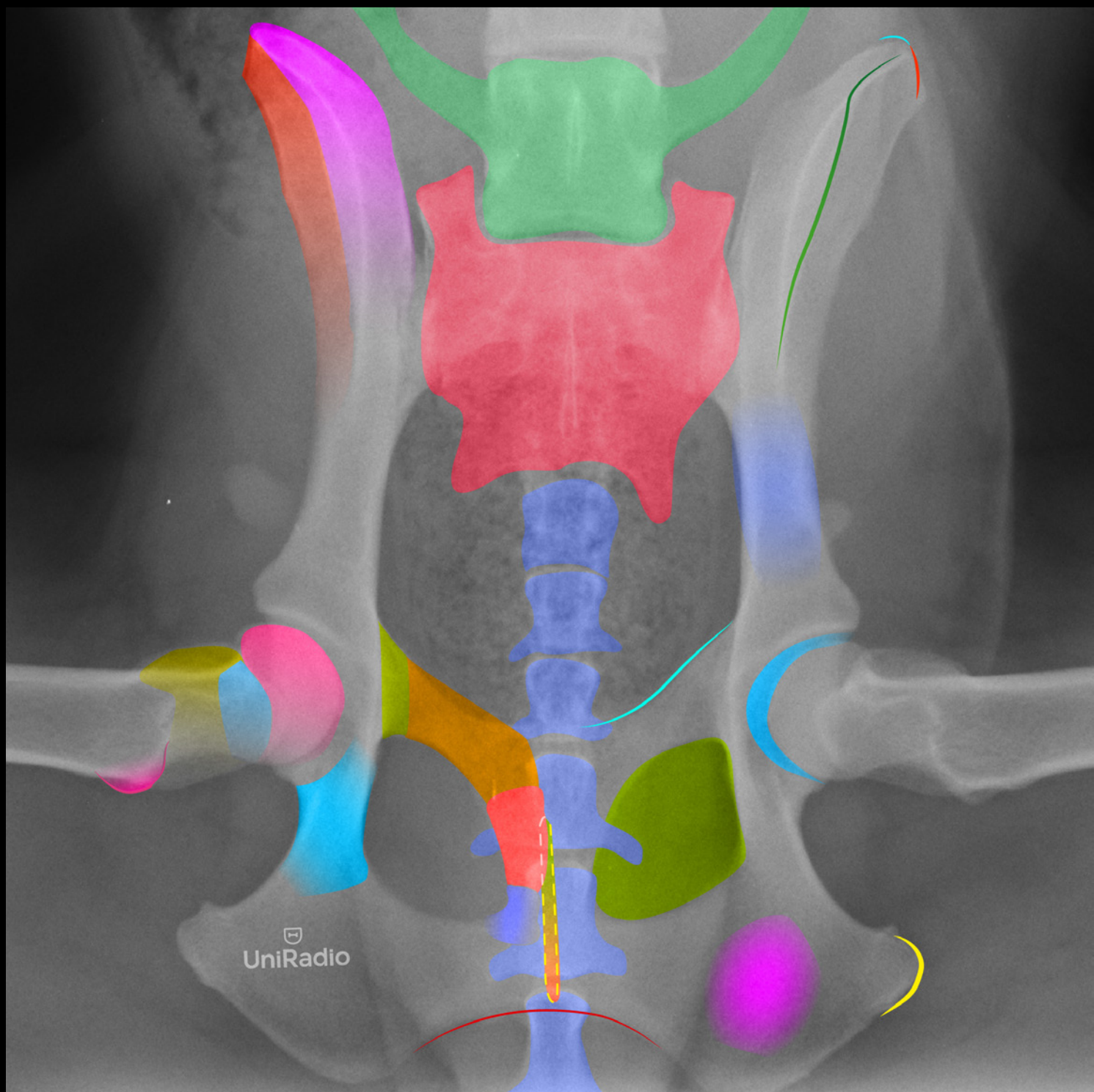
MEMBRO PÉLVICO . PELVE E COXOFEMORAL

Ventrodorsal com membros em abdução (Frog Leg)



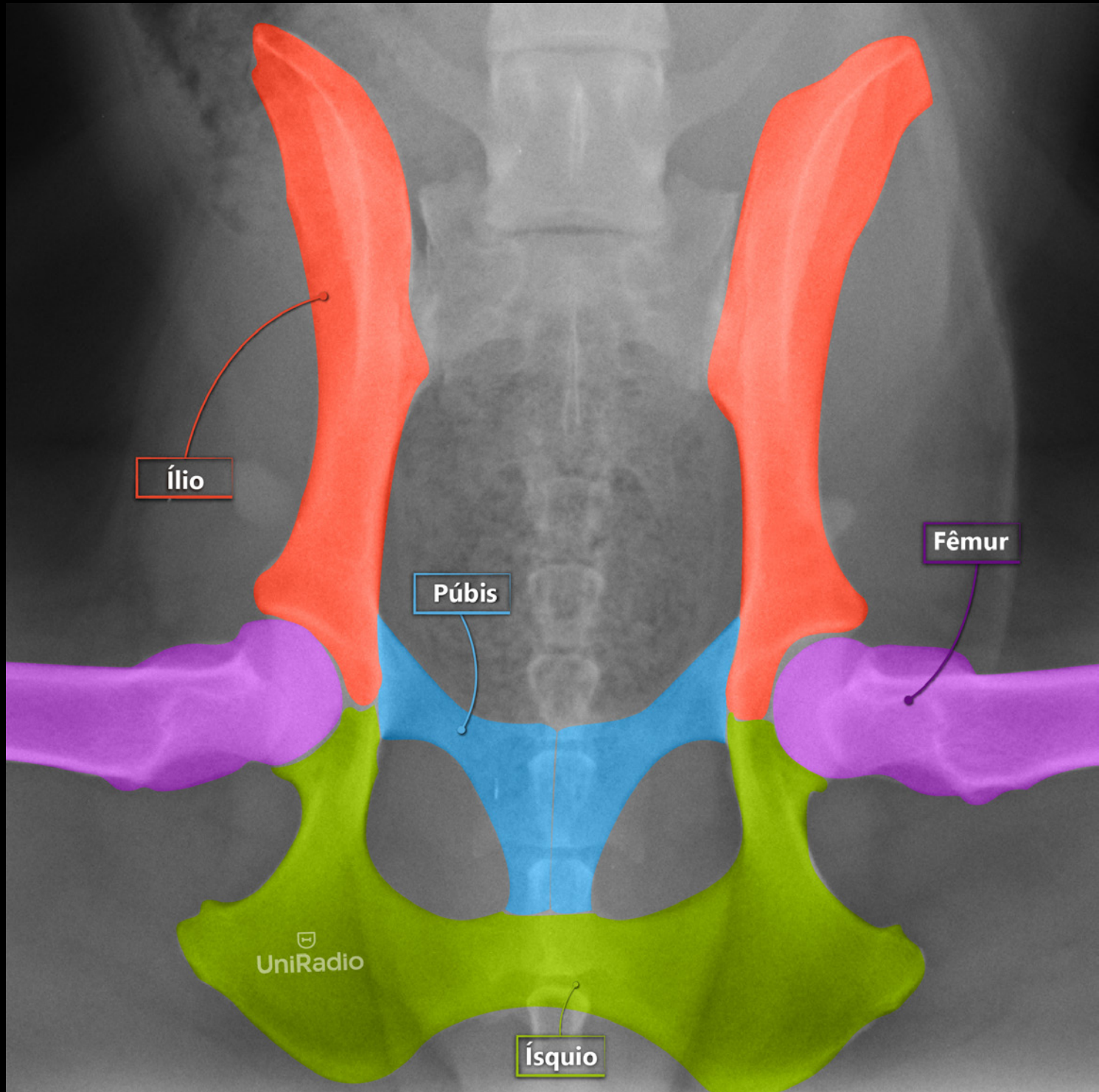
MEMBRO PÉLVICO . PELVE E COXOFEMORAL

Ventrodorsal com membros em abdução (Frog Leg)



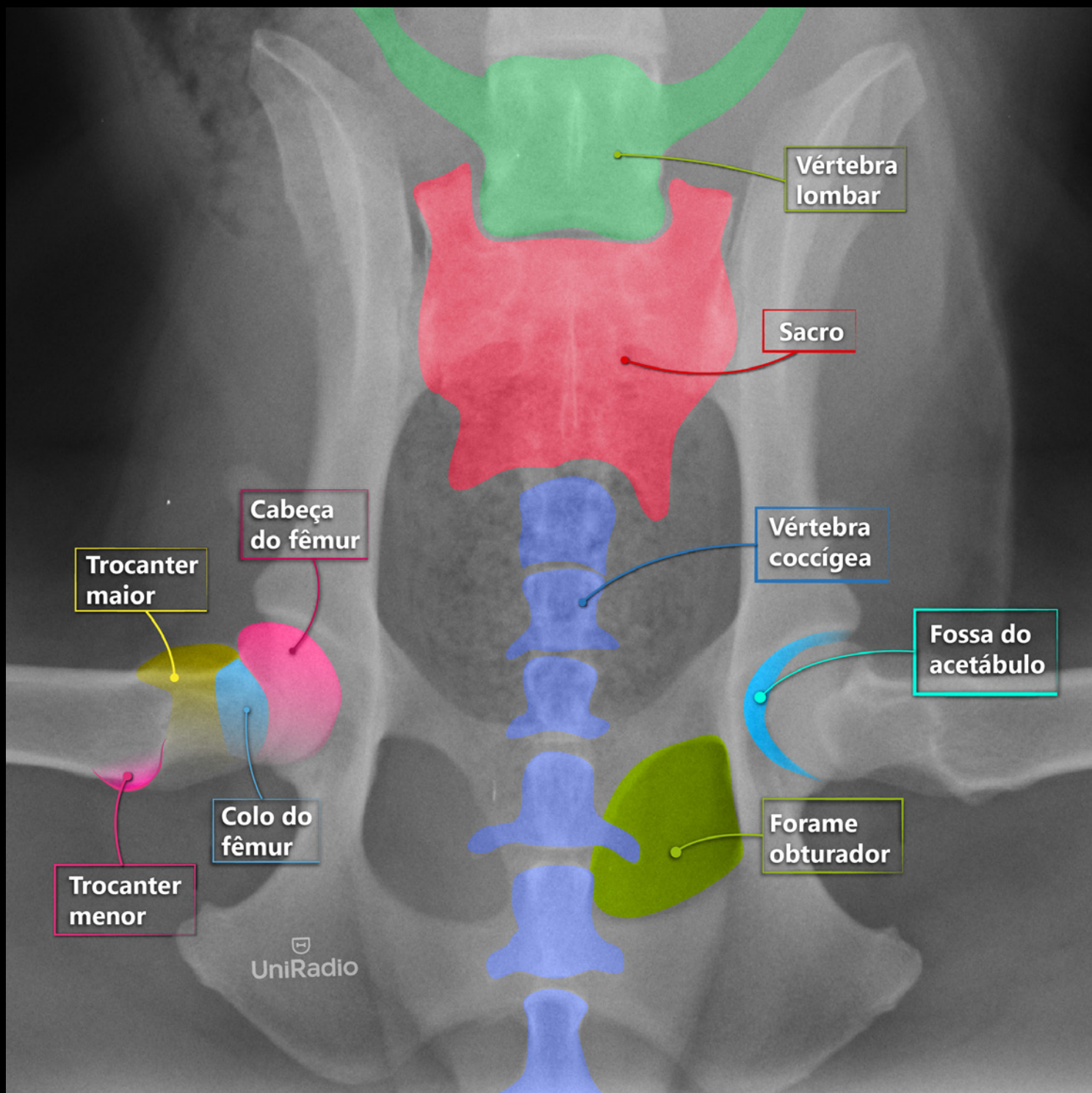
MEMBRO PÉLVICO . PELVE E COXOFEMORAL

Ventrodorsal com membros em abdução (Frog Leg)



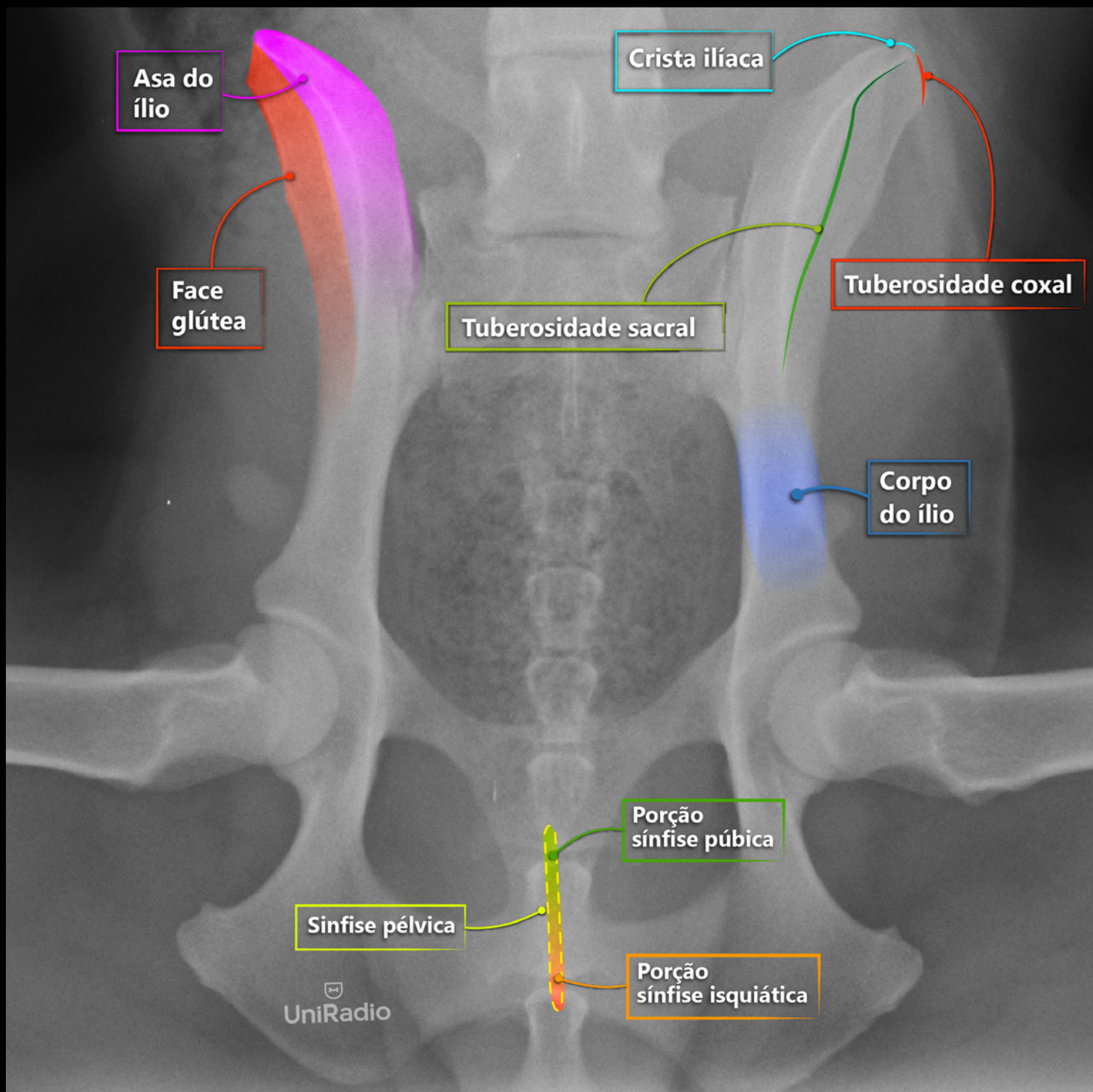
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Ventrodorsal com membros em abdução (Frog Leg)



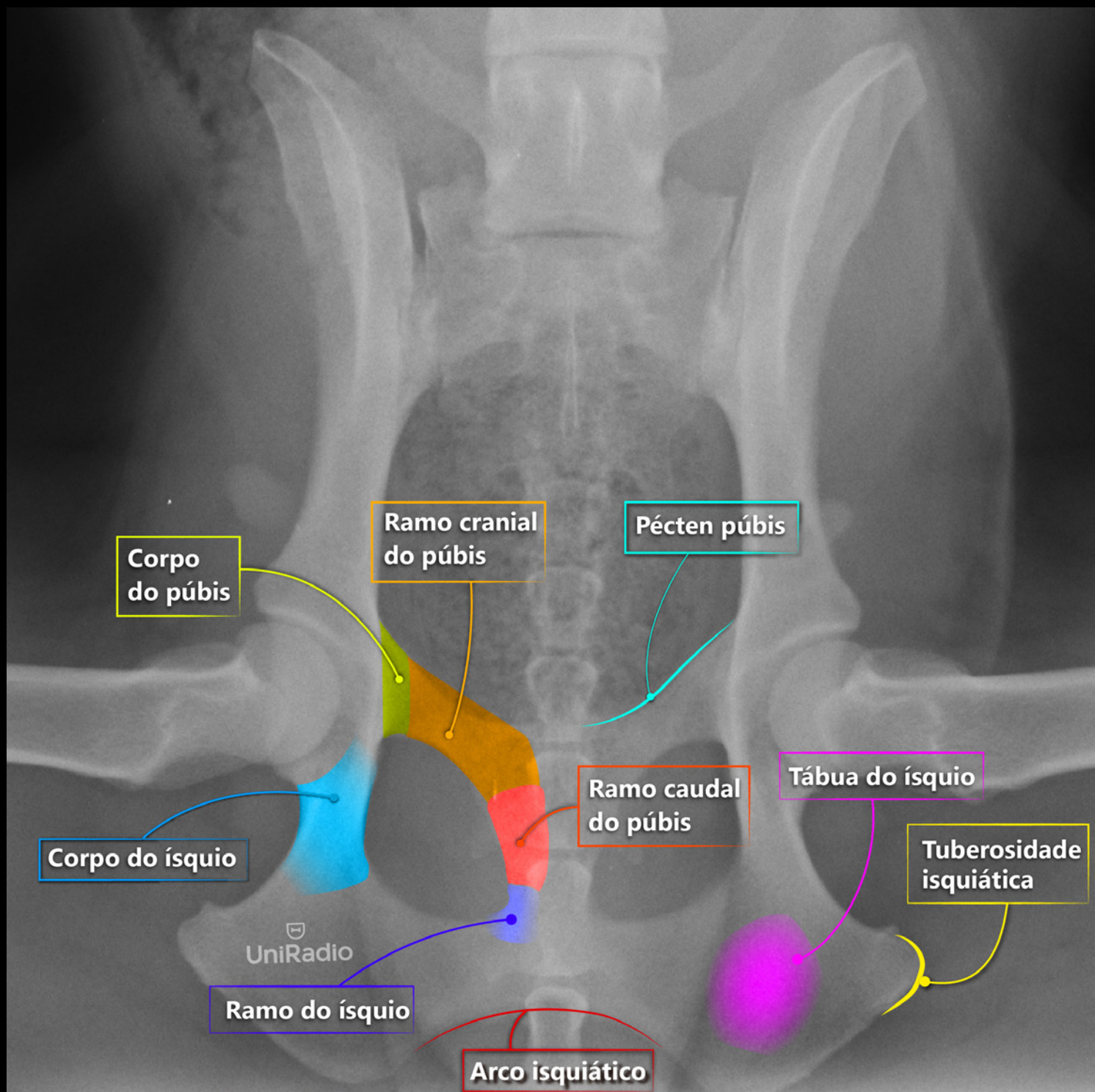
MEMBRO PÉLVICO . PELVE E COXOFEMORAL

Ventrodorsal com membros em abdução (Frog Leg)



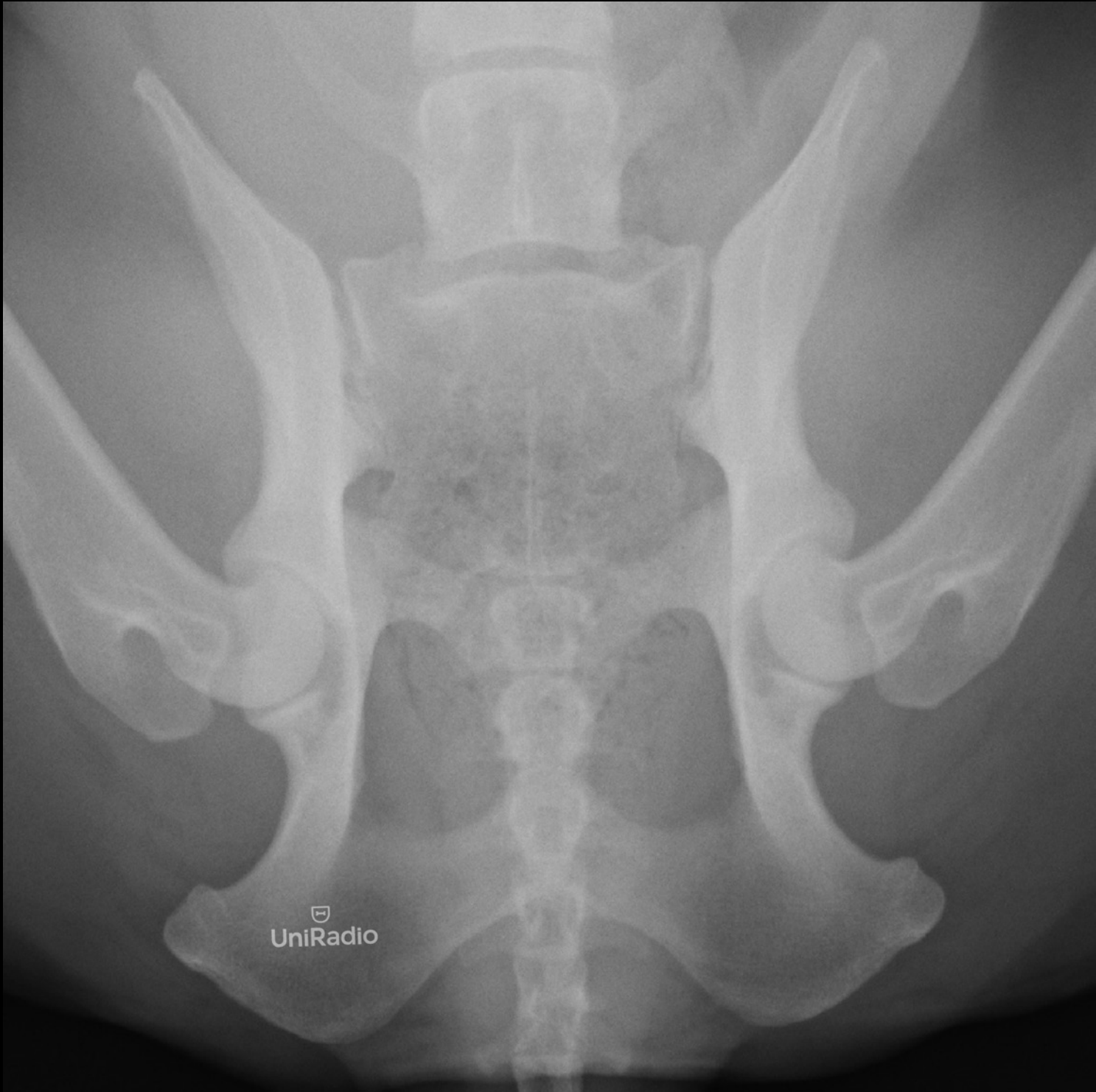
MEMBRO PÉLVICO . PELVE E COXOFEMORAL

Ventrodorsal com membros em abdução (Frog Leg)



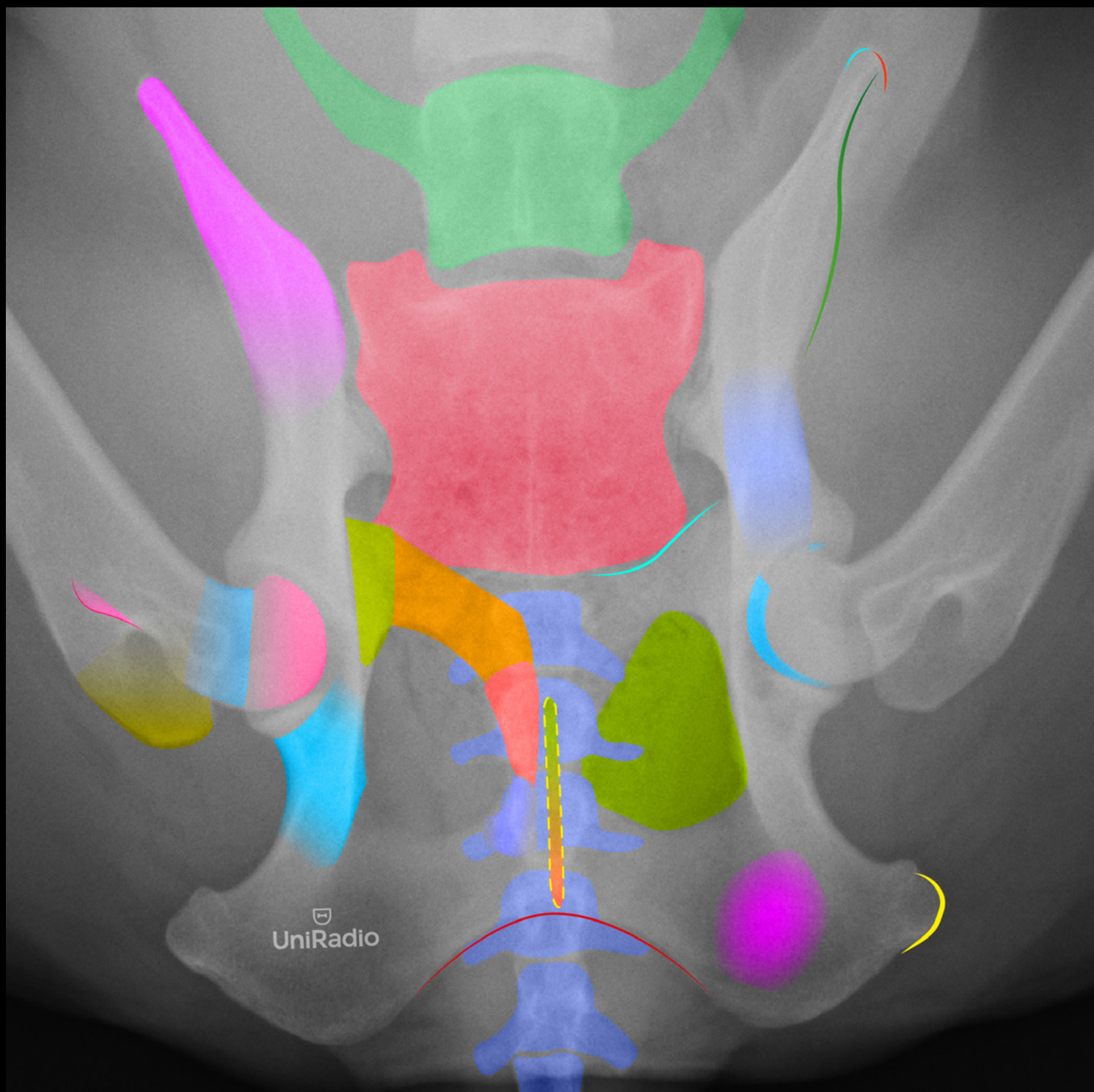
MEMBRO PÉLVICO . PELVE E COXOFEMORAL

Dorsoventral



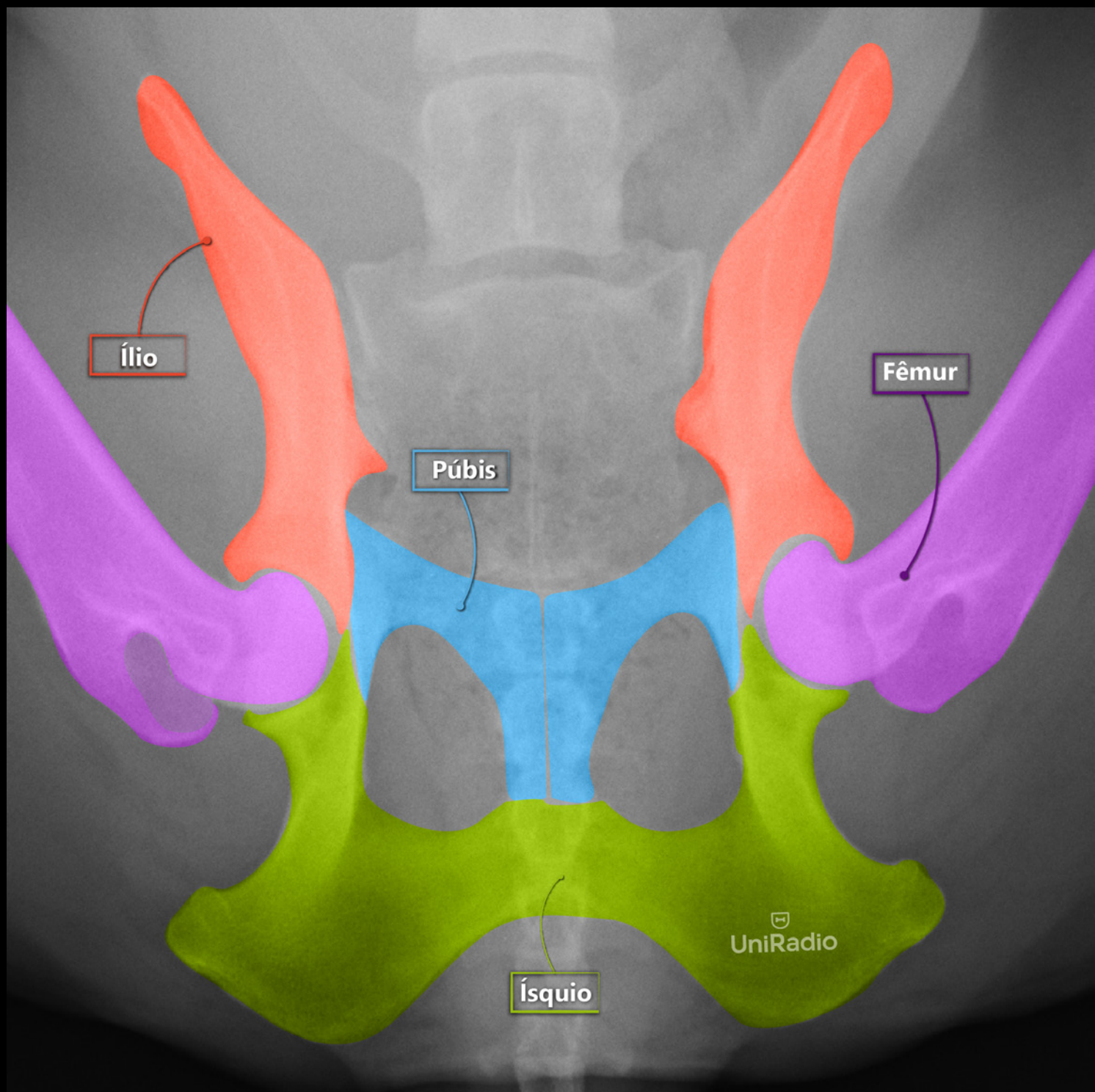
MEMBRO PÉLVICO . PELVE E COXOFEMORAL

Dorsoventral



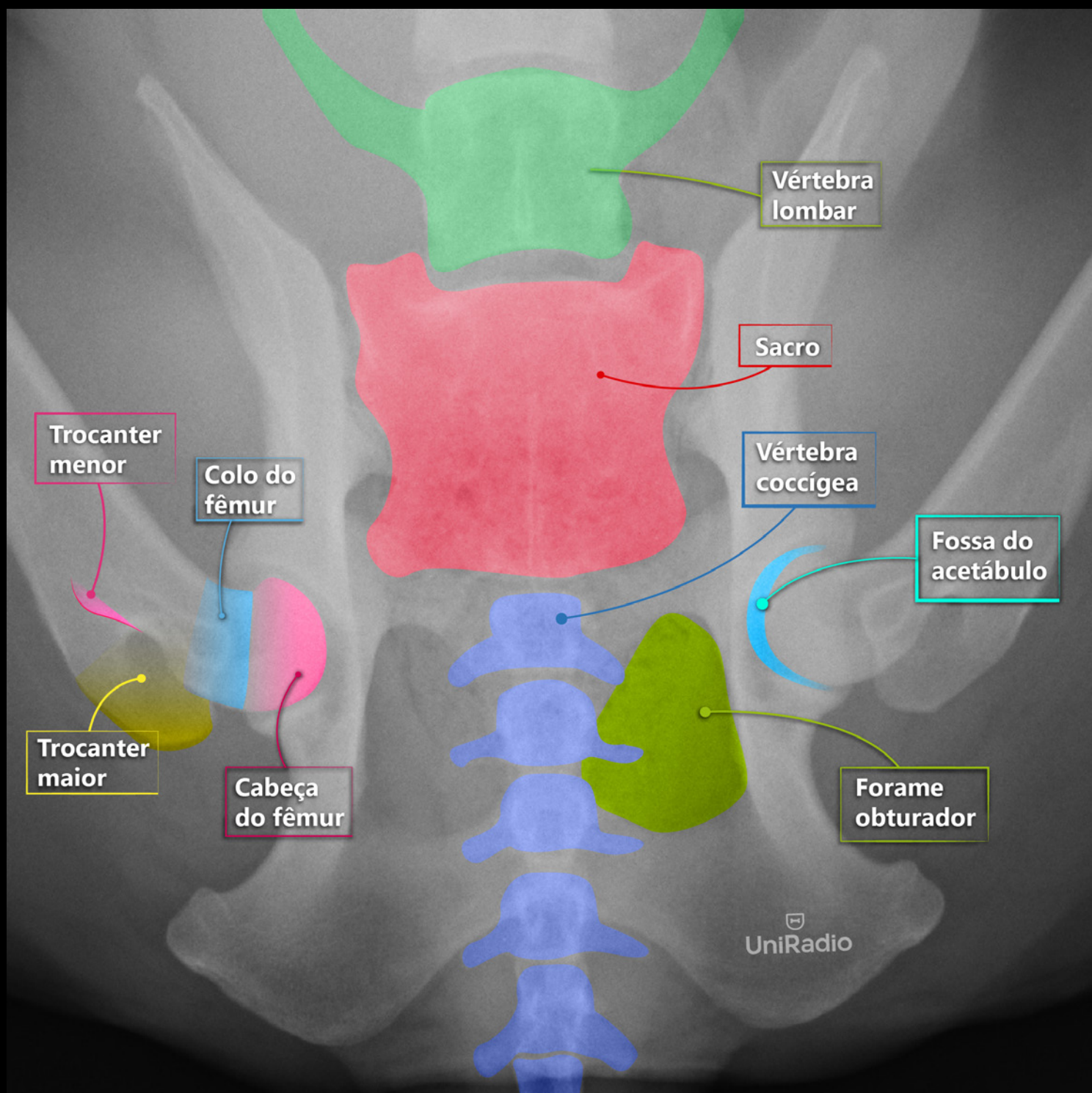
MEMBRO PÉLVICO . PELVE E COXOFEMORAL

Dorsoventral



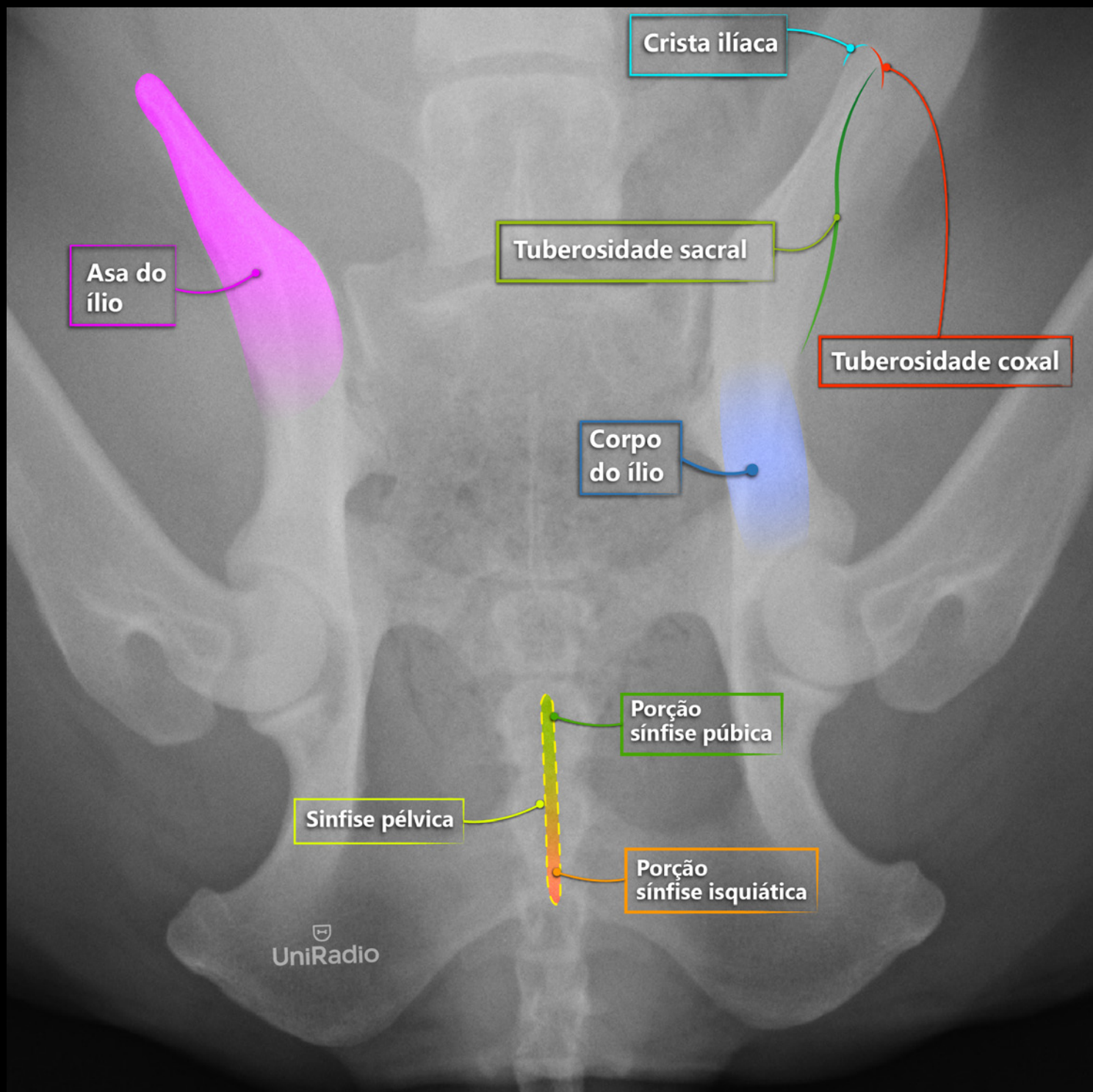
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Dorsoventral



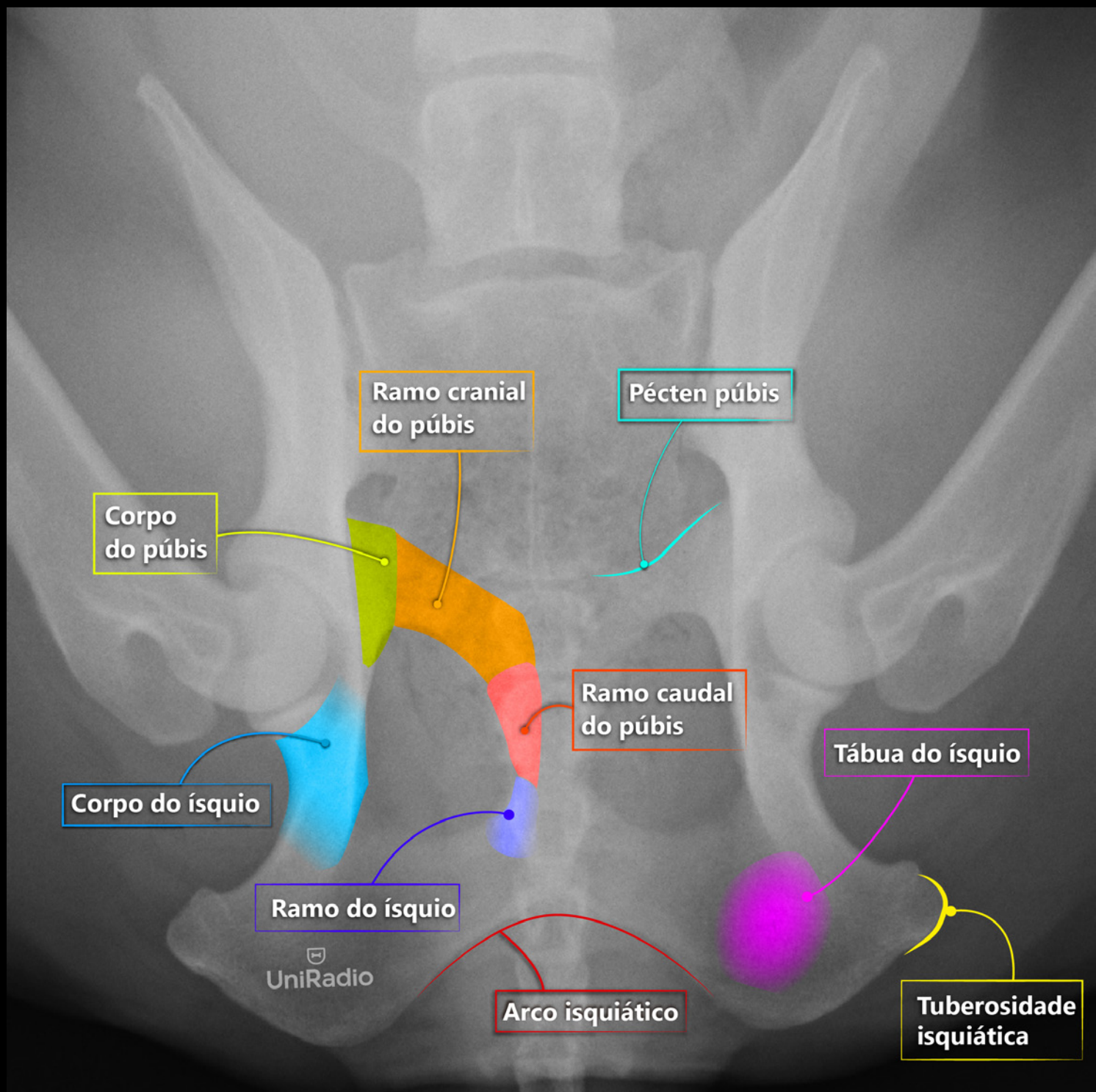
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Dorsoventral



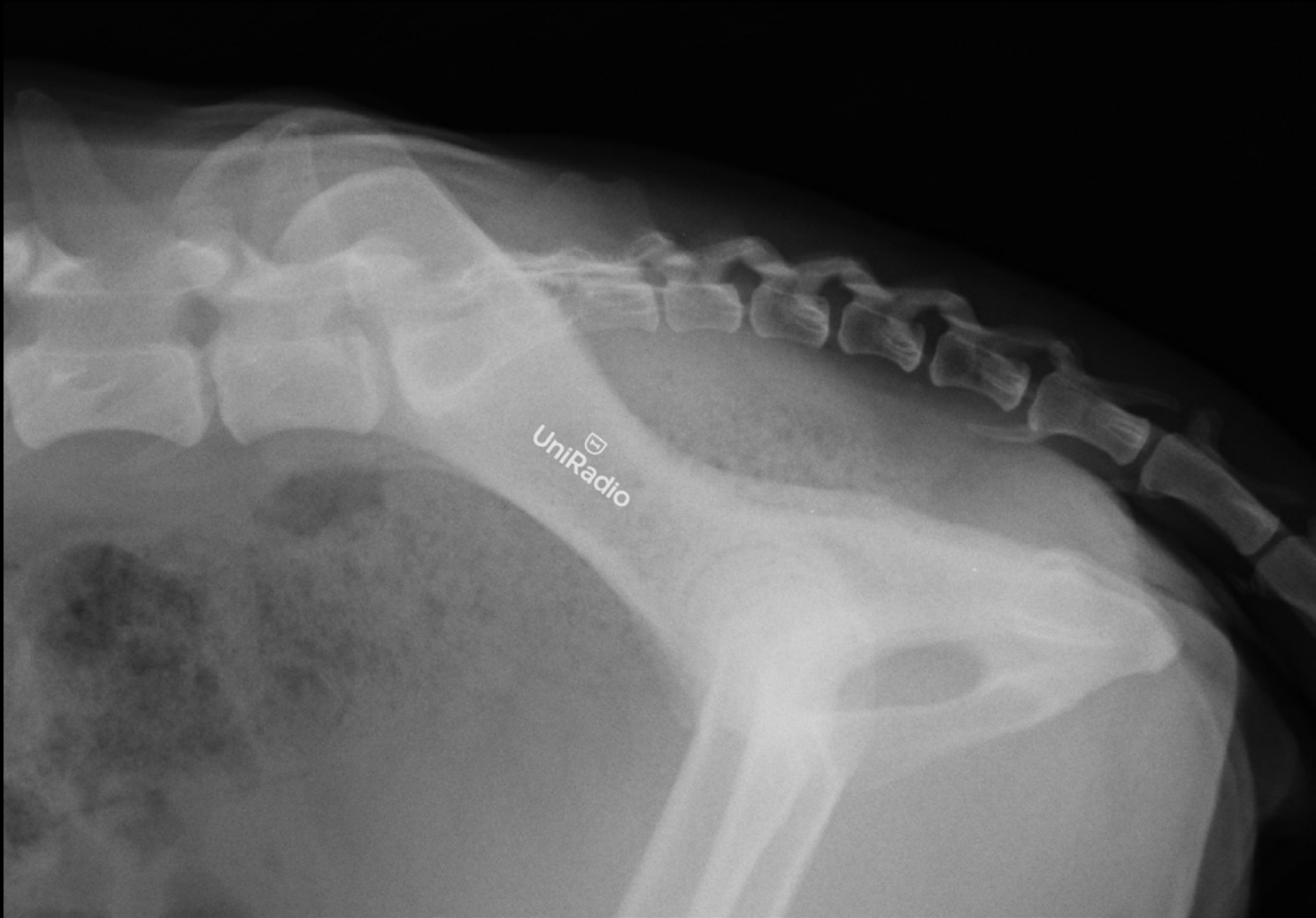
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Dorsoventral



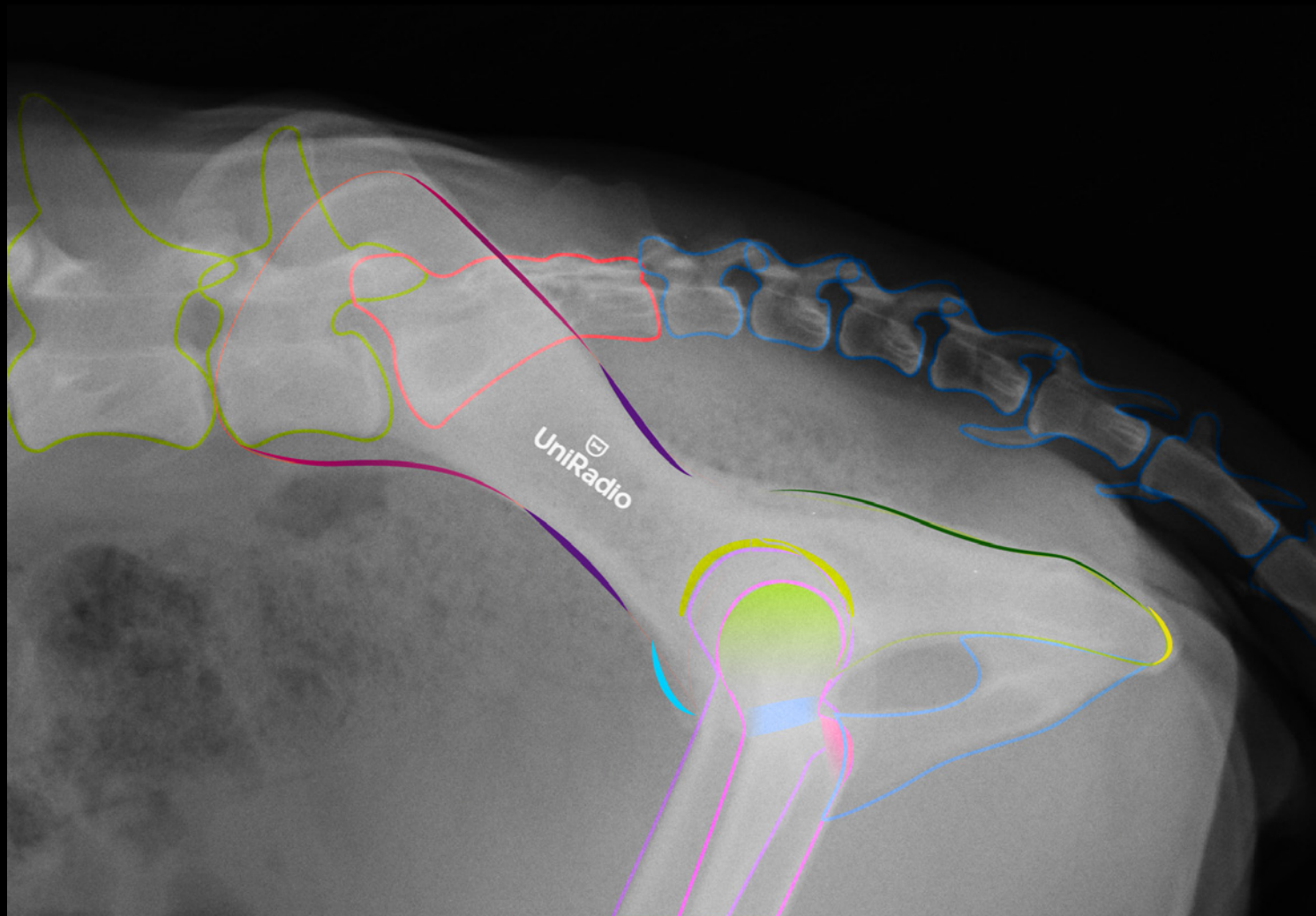
MEMBRO PÉLVICO . PELVE E COXOFEMORAL

Lateral



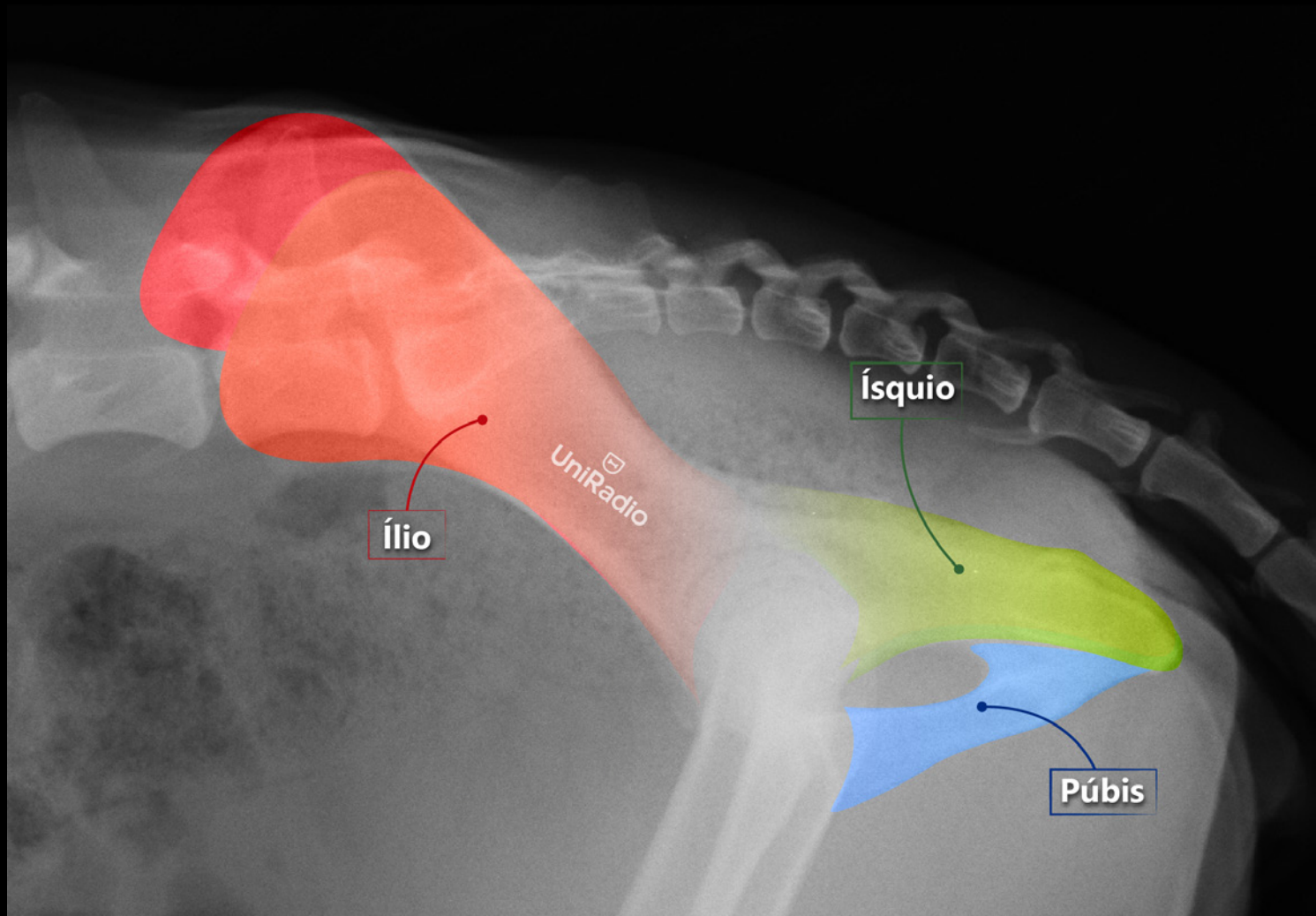
MEMBRO PÉLVICO . PELVE E COXOFEMORAL

Lateral



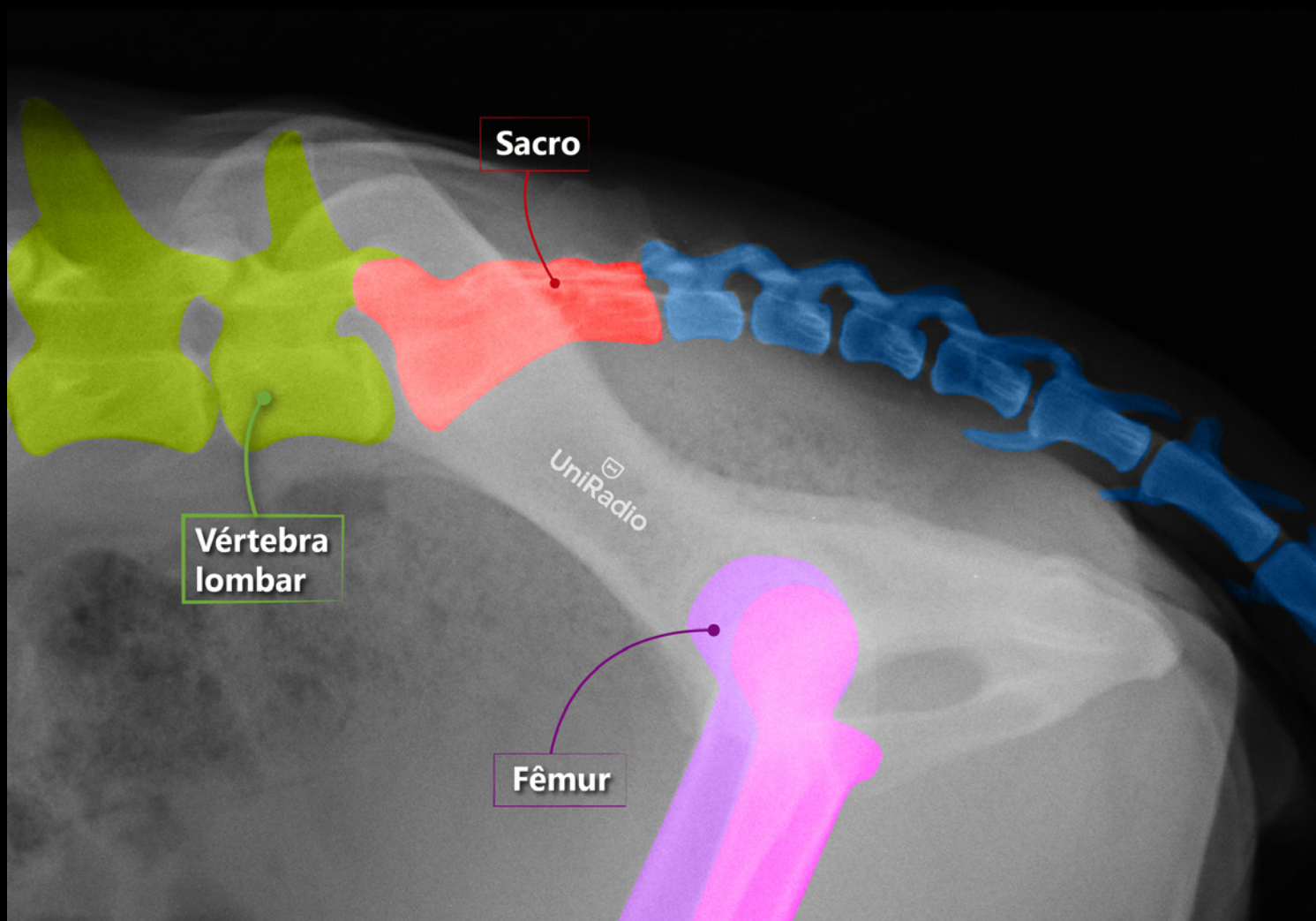
MEMBRO PÉLVICO . PELVE E COXOFEMORAL

Lateral



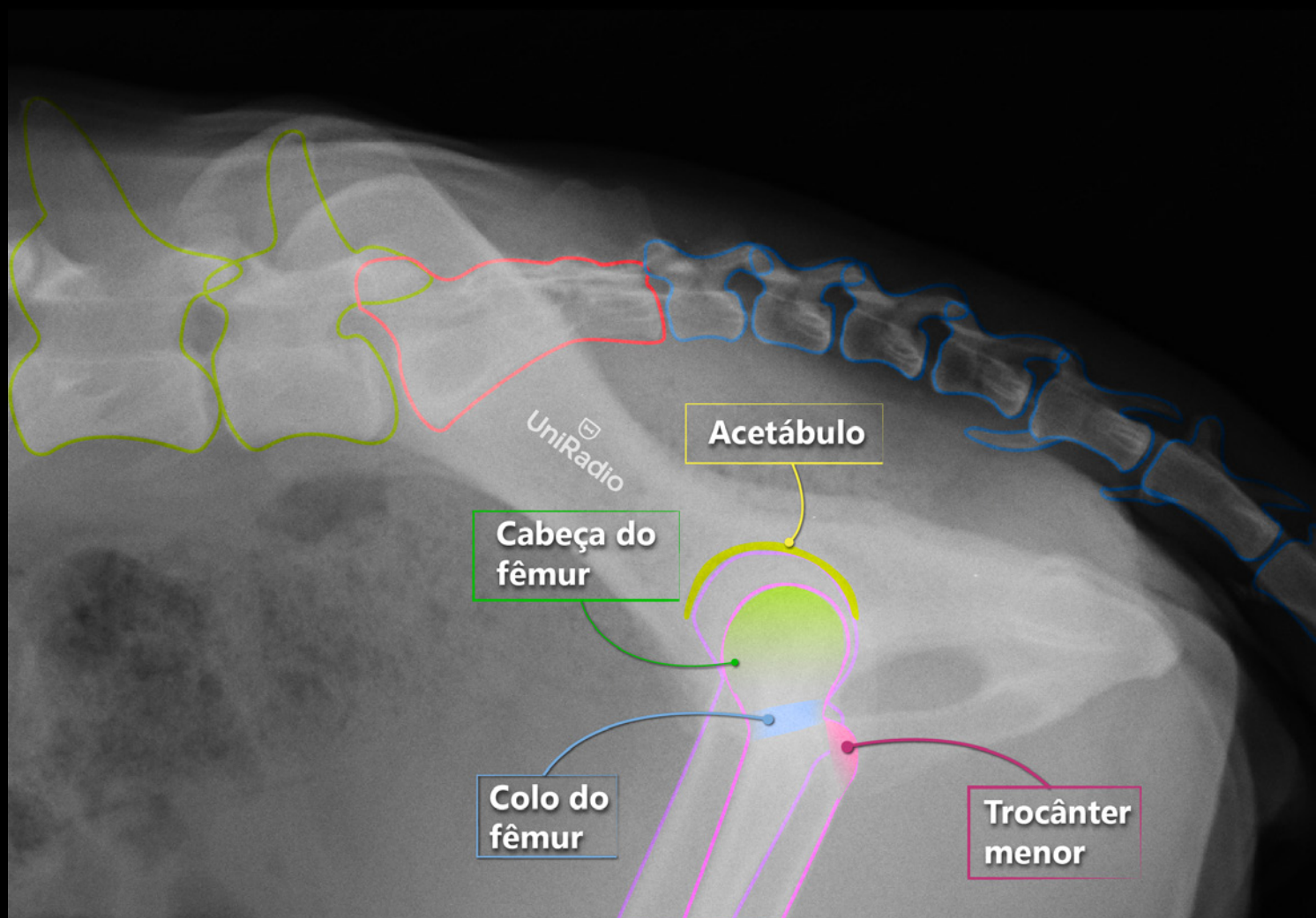
MEMBRO PÉLVICO . PELVE E COXOFEMORAL

Lateral



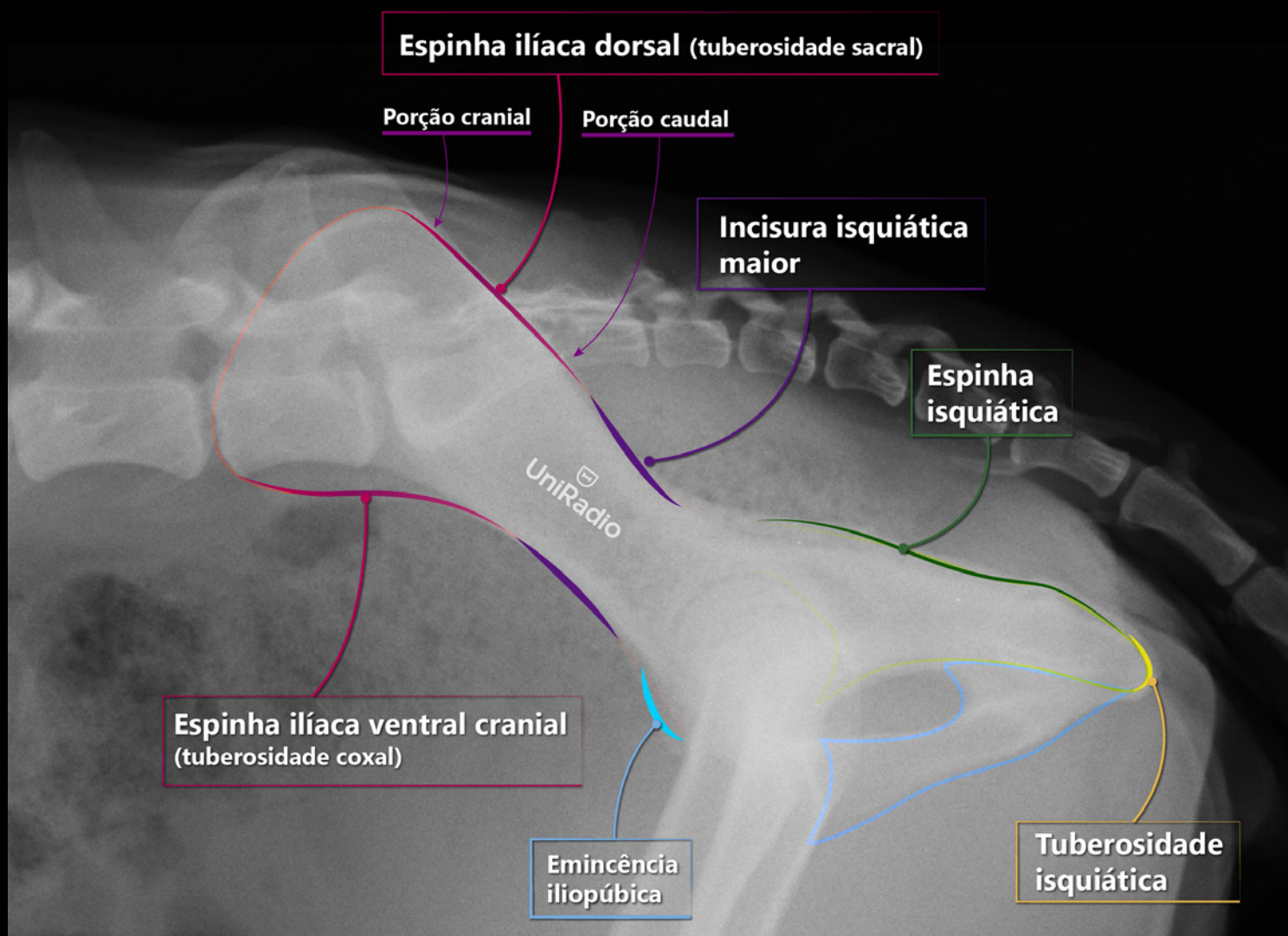
MEMBRO PÉLVICO . PELVE E COXOFEMORAL

Lateral



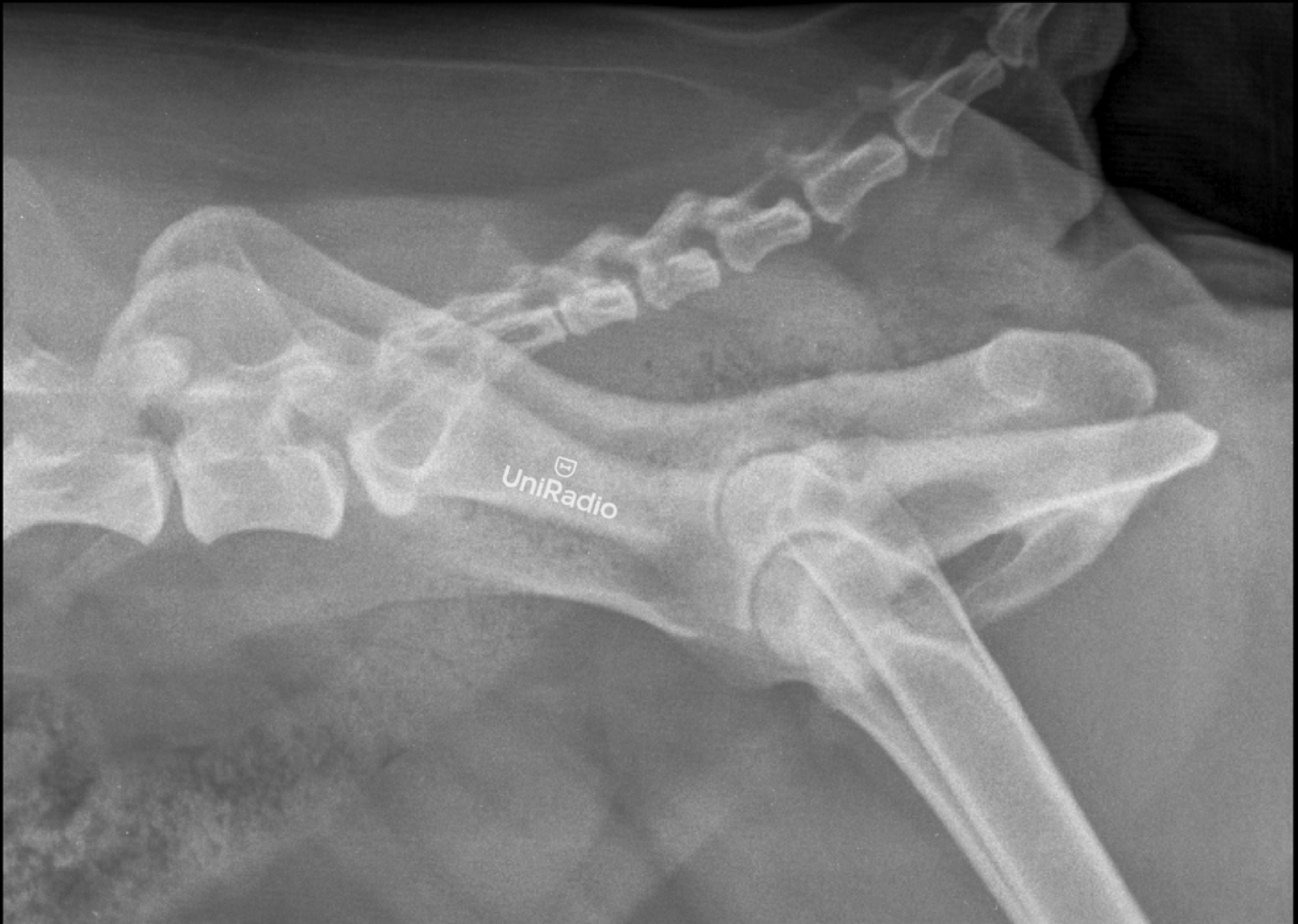
MEMBRO PÉLVICO . PELVE E COXOFEMORAL

Lateral



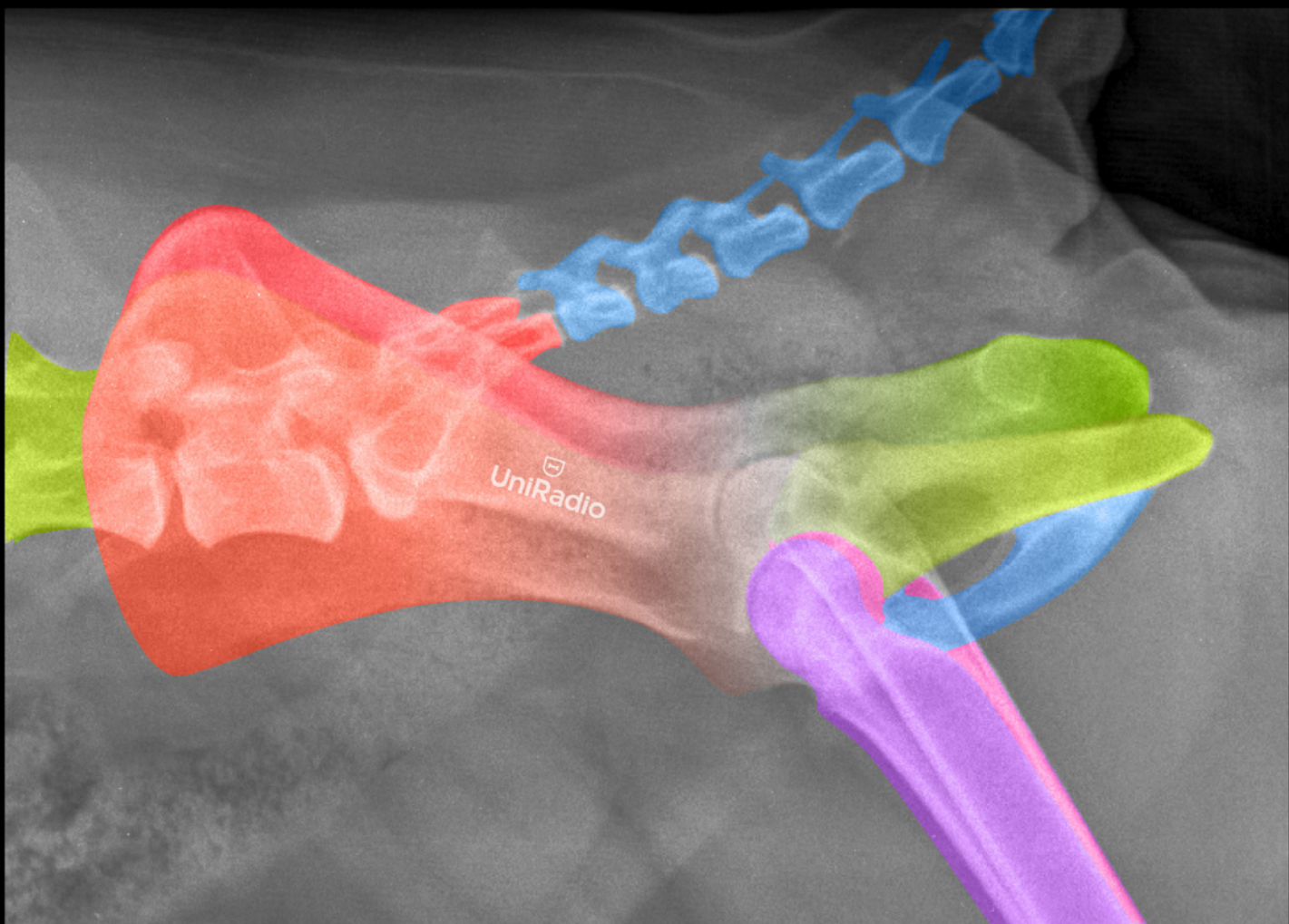
MEMBRO PÉLVICO . PELVE E COXOFEMORAL

Lateral oblíqua 20°



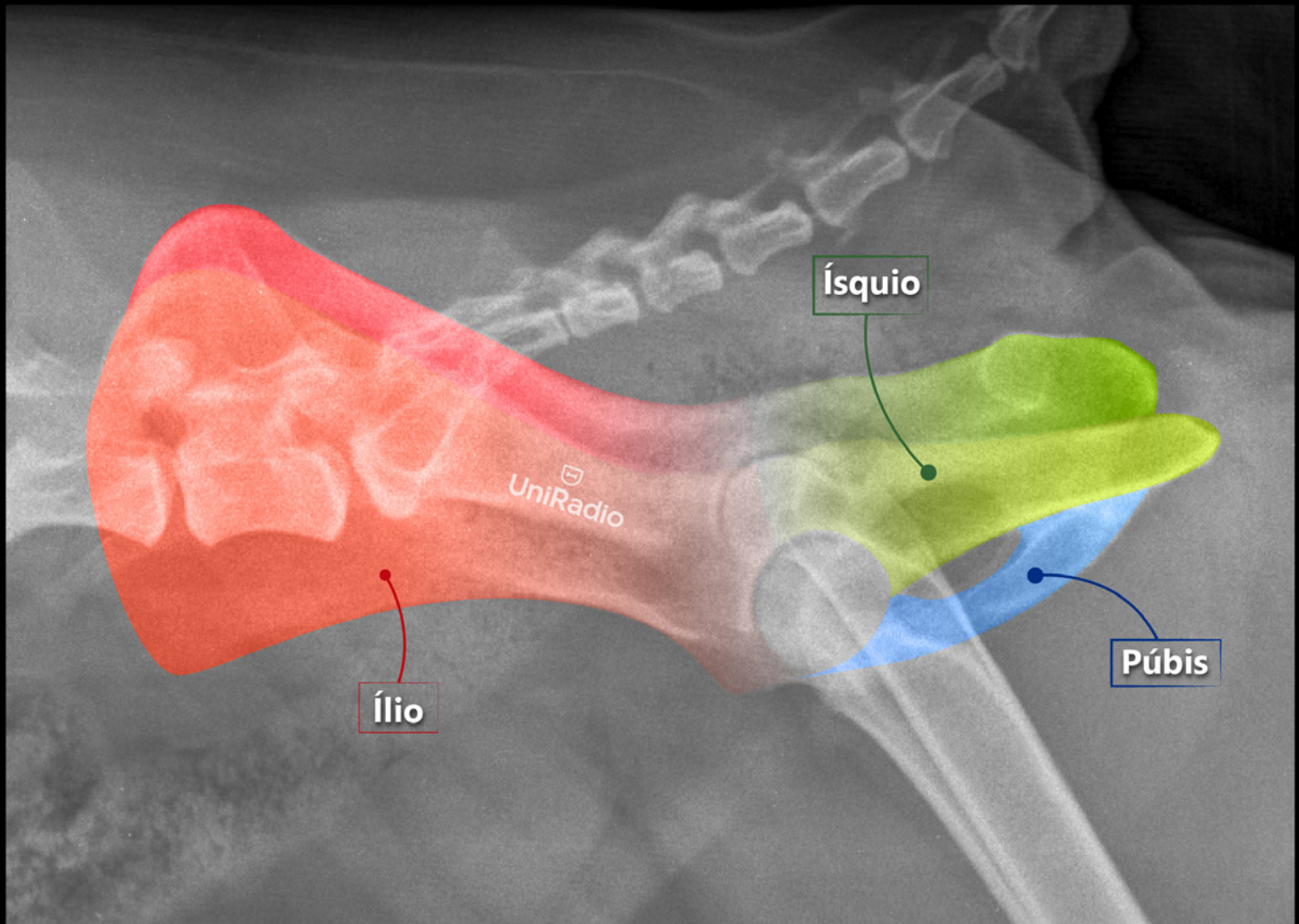
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Lateral oblíqua 20°



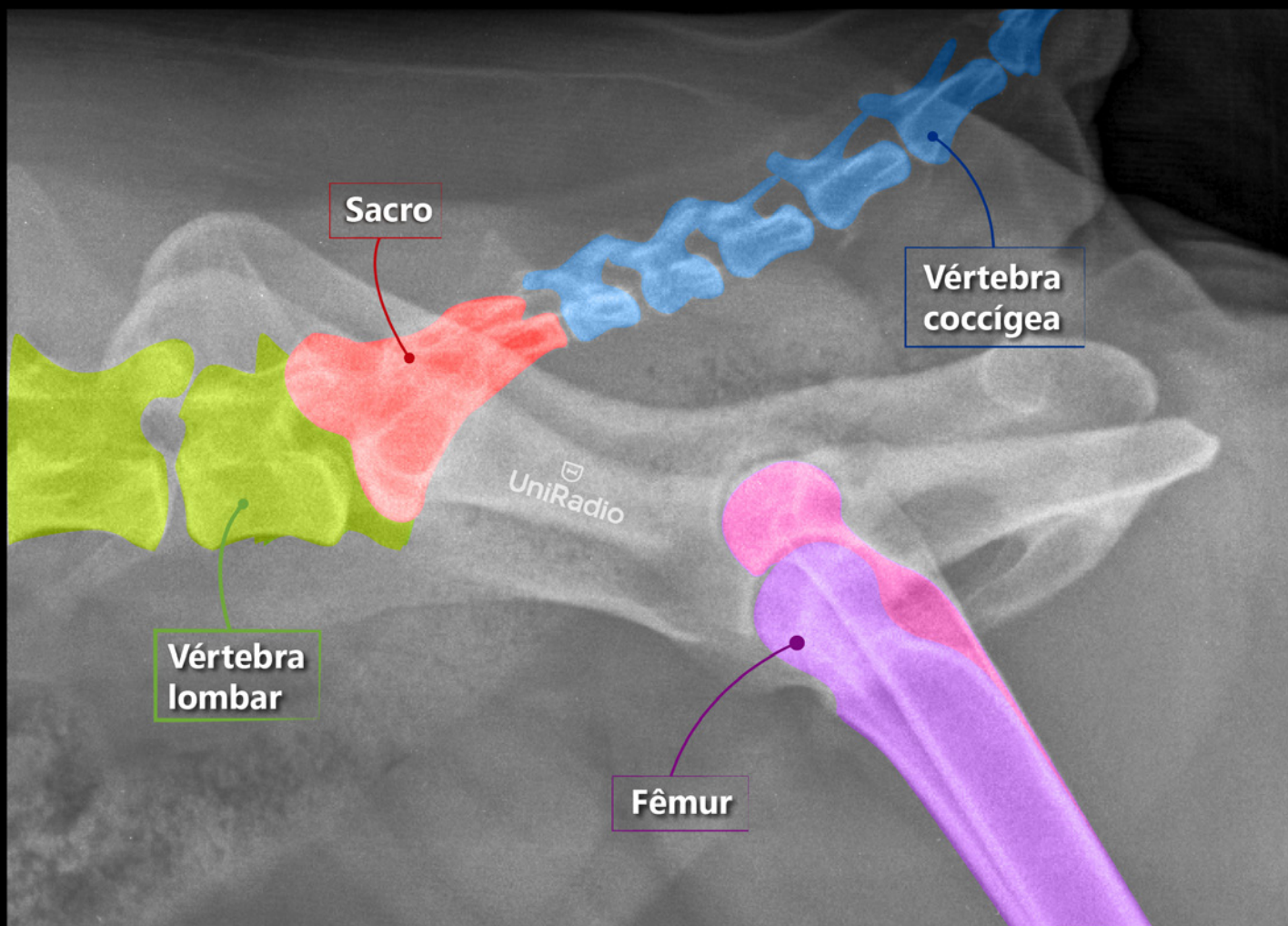
MEMBRO PÉLVICO . PELVE E COXOFEMORAL

Lateral oblíqua 20°



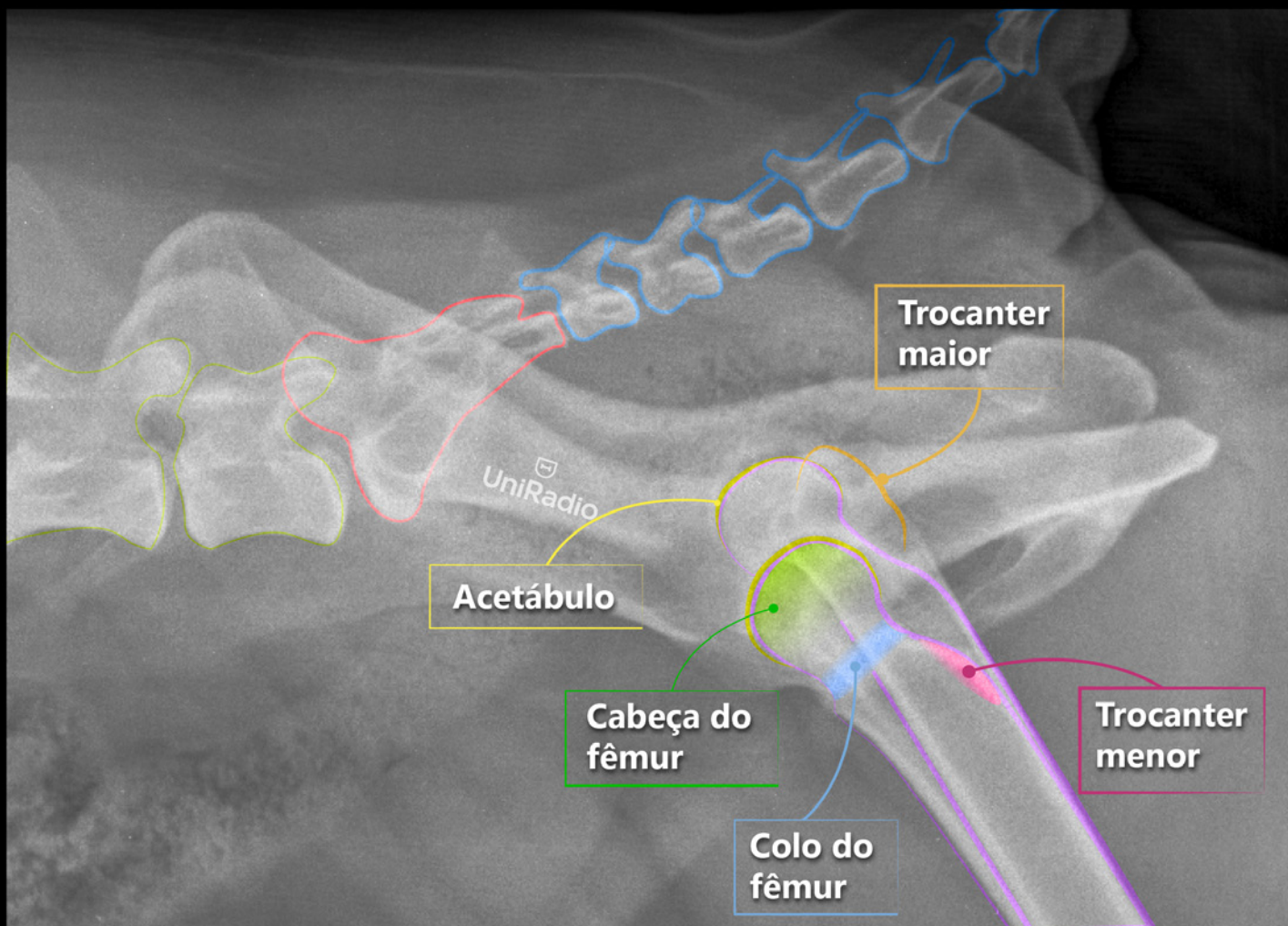
MEMBRO PÉLVICO . PELVE E COXOFEMORAL

Lateral oblíqua 20°



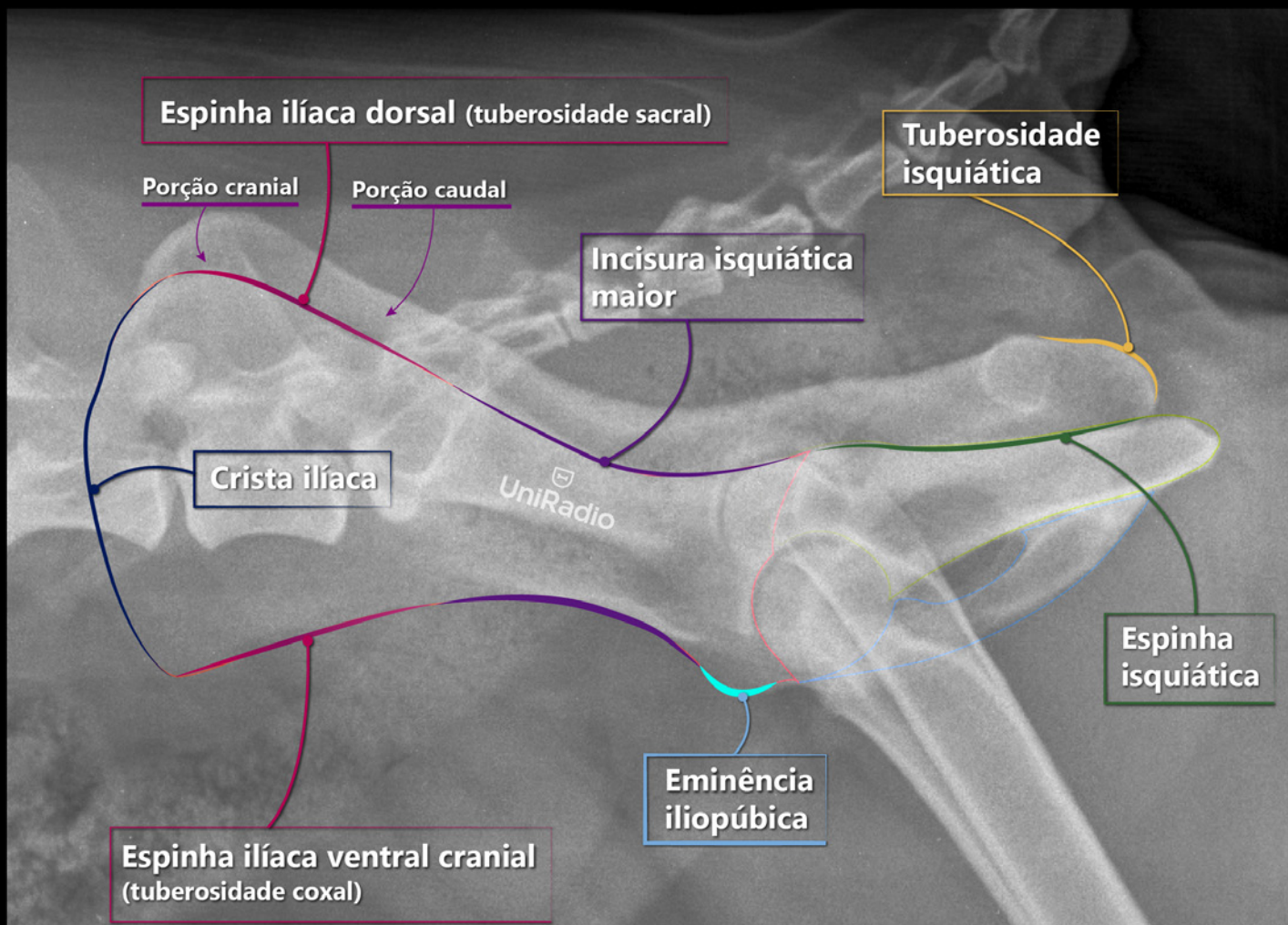
MEMBRO PÉLVICO . PELVE E COXOFEMORAL

Lateral oblíqua 20°



MEMBRO PÉLVICO . PELVE E COXOFEMORAL

Lateral oblíqua 20°



MEMBRO PÉLVICO . FÊMUR

Craniocaudal



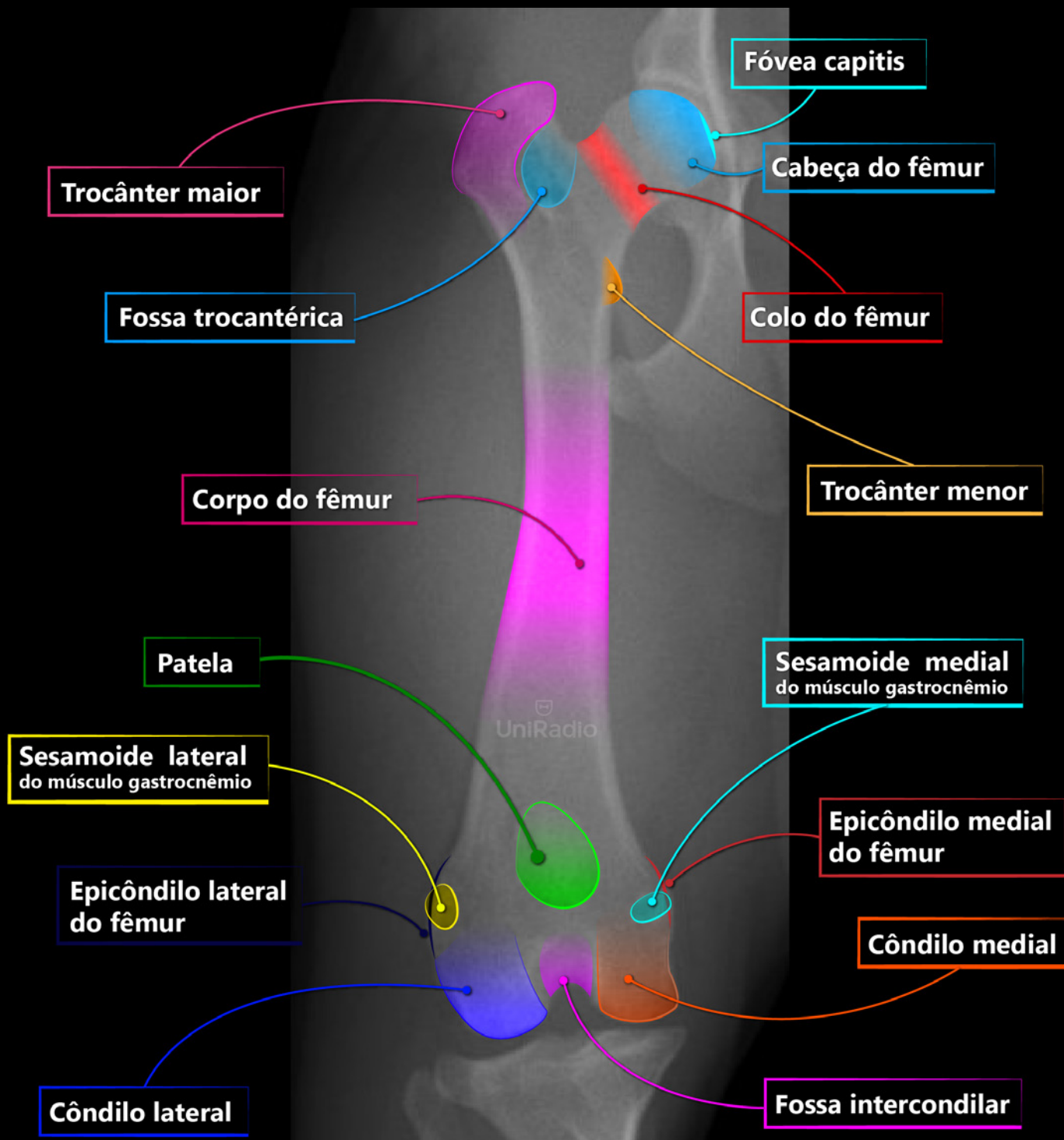
MEMBRO PÉLVICO . FÊMUR

Craniocaudal



MEMBRO PÉLVICO . FÊMUR

Craniocaudal



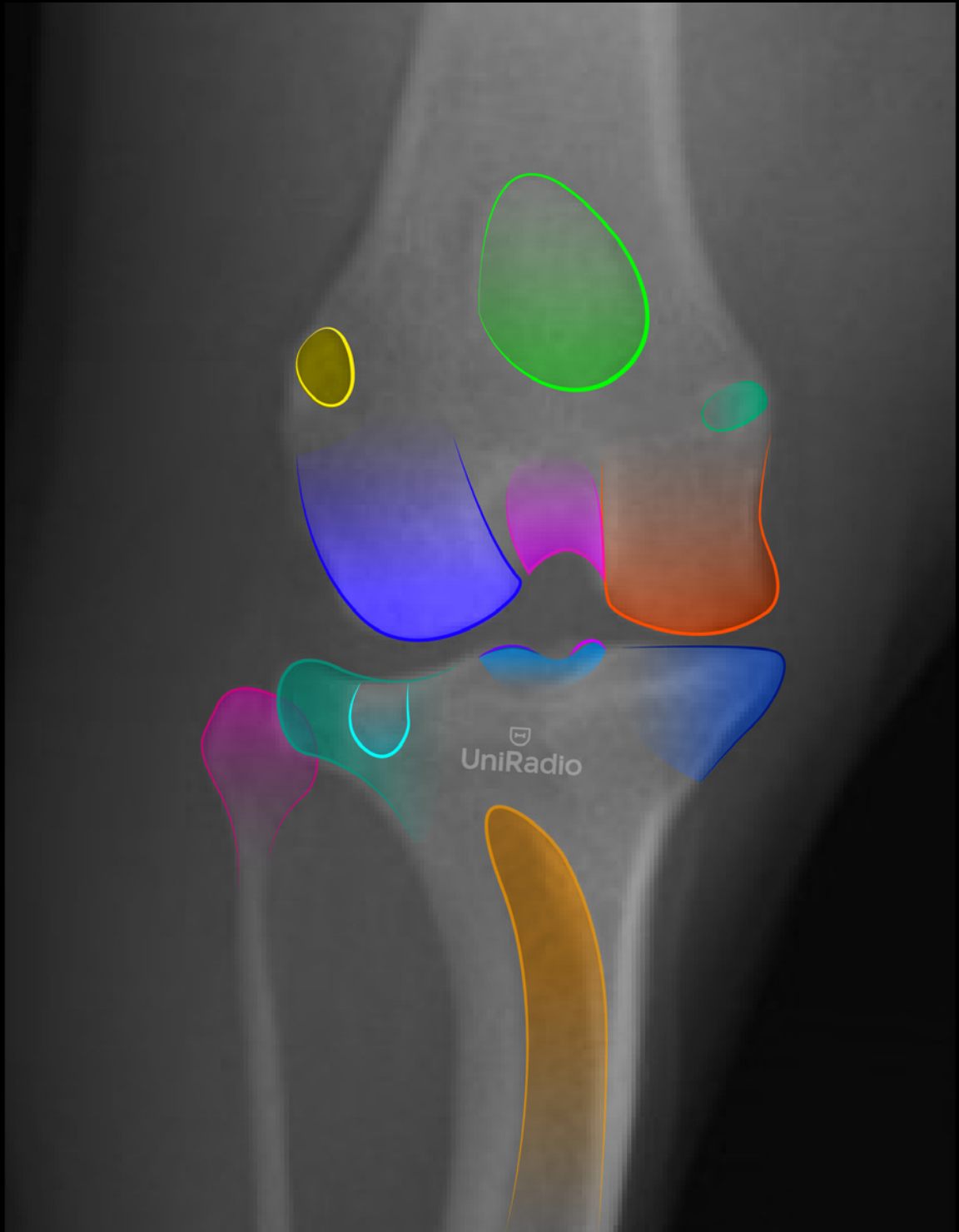
MEMBRO PÉLVICO . JOELHO

Craniocaudal



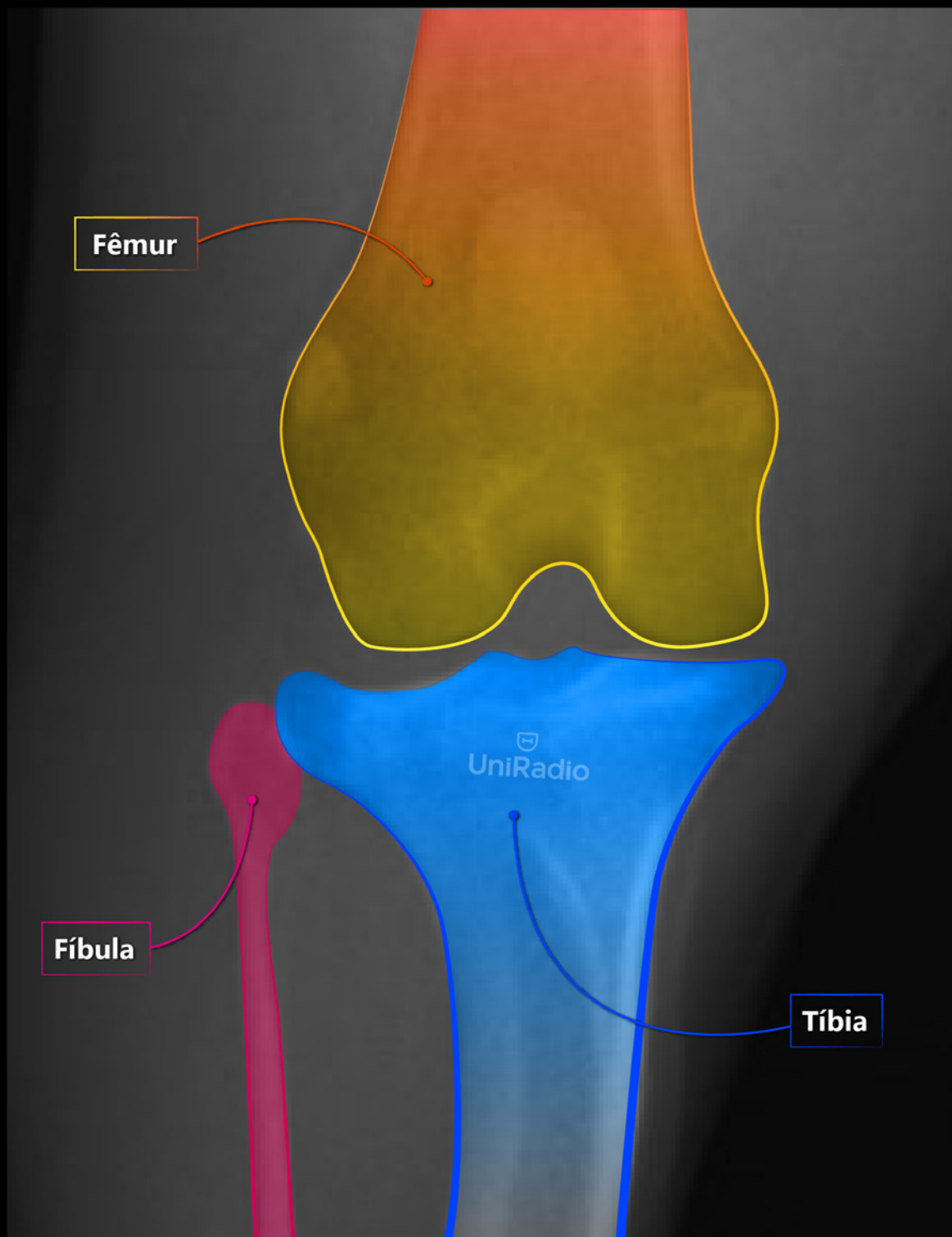
MEMBRO PÉLVICO . JOELHO

Craniocaudal



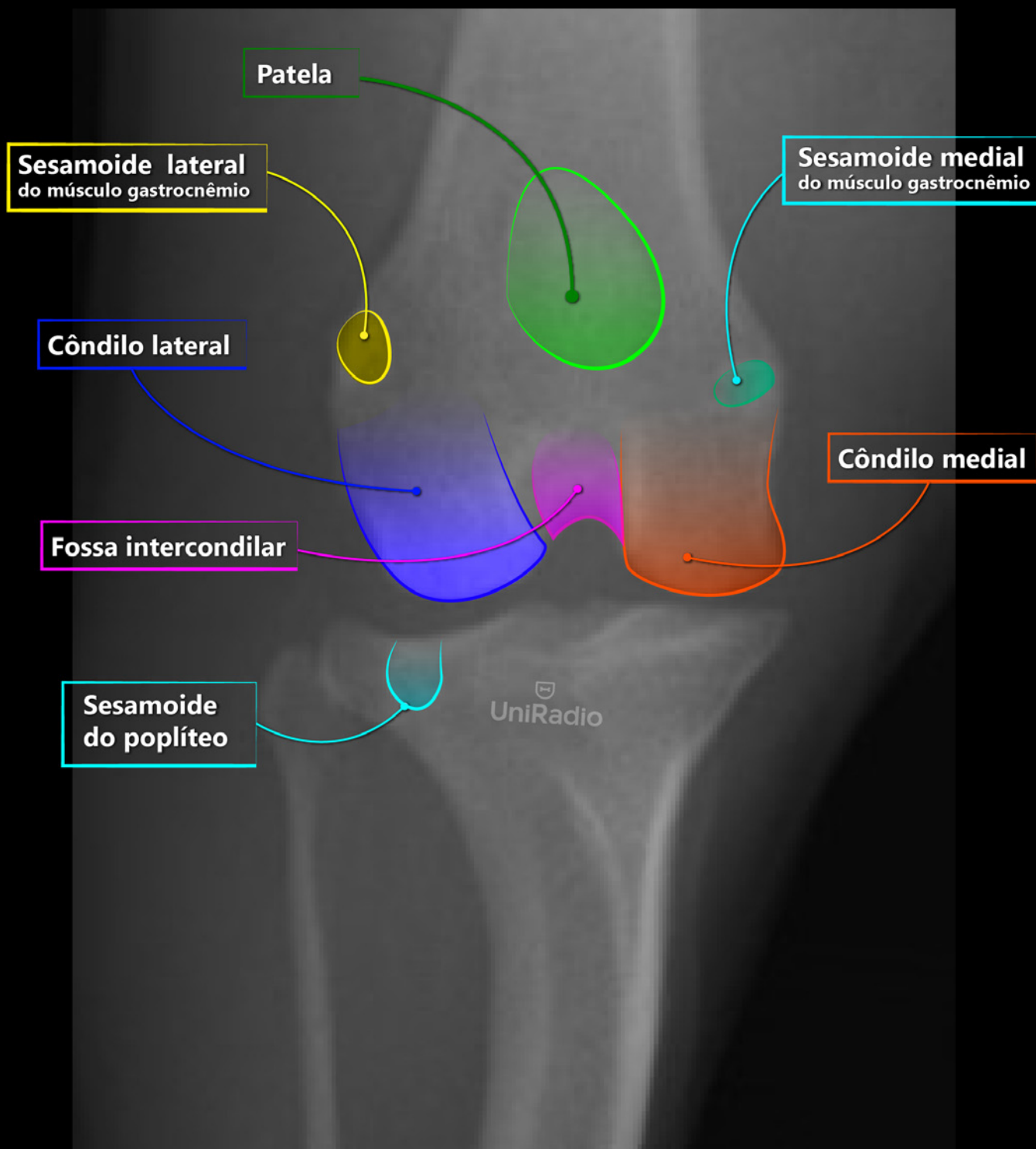
MEMBRO PÉLVICO . JOELHO

Craniocaudal



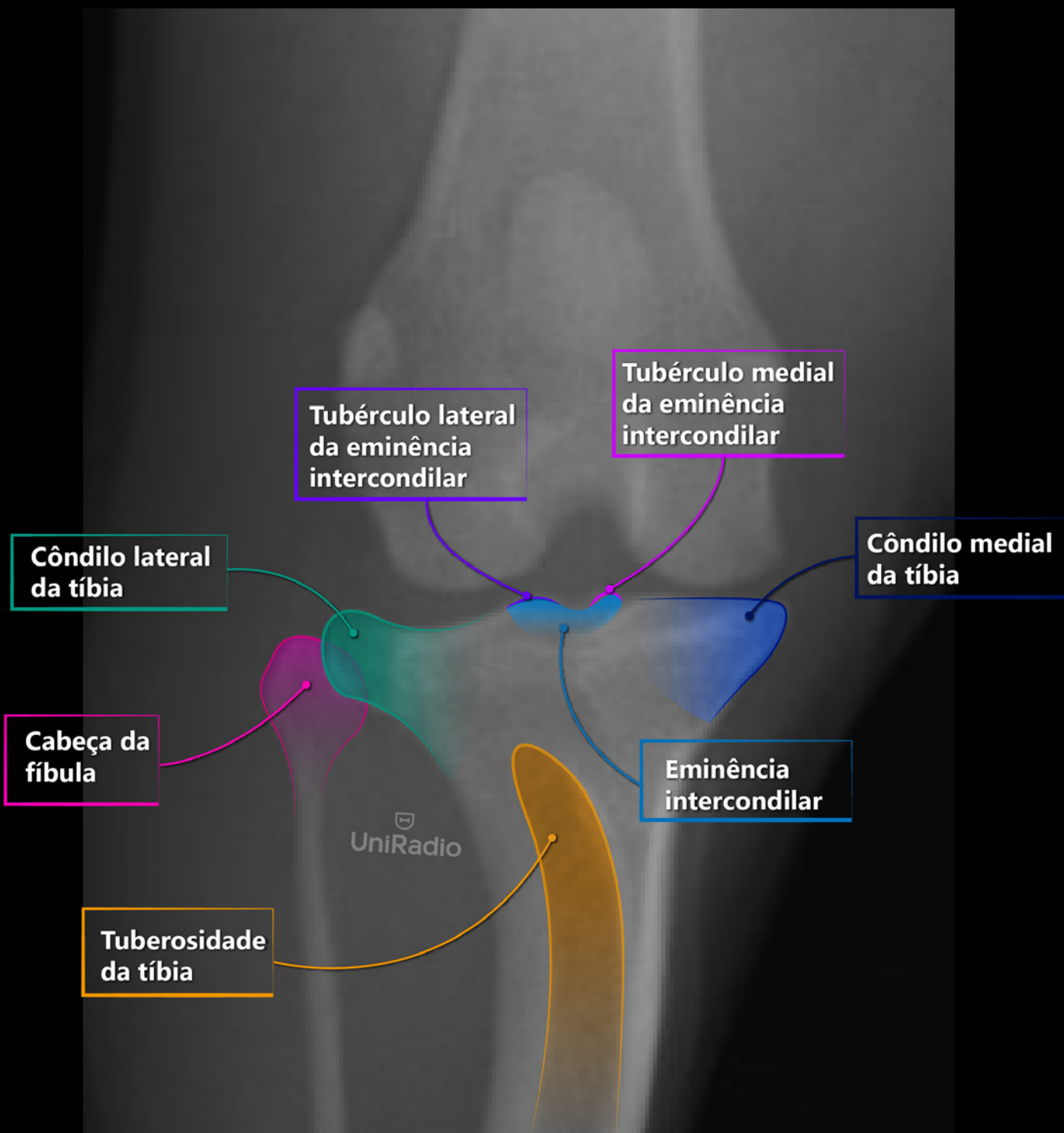
MEMBRO PÉLVICO . JOELHO

Craniocaudal



MEMBRO PÉLVICO . JOELHO

Craniocaudal



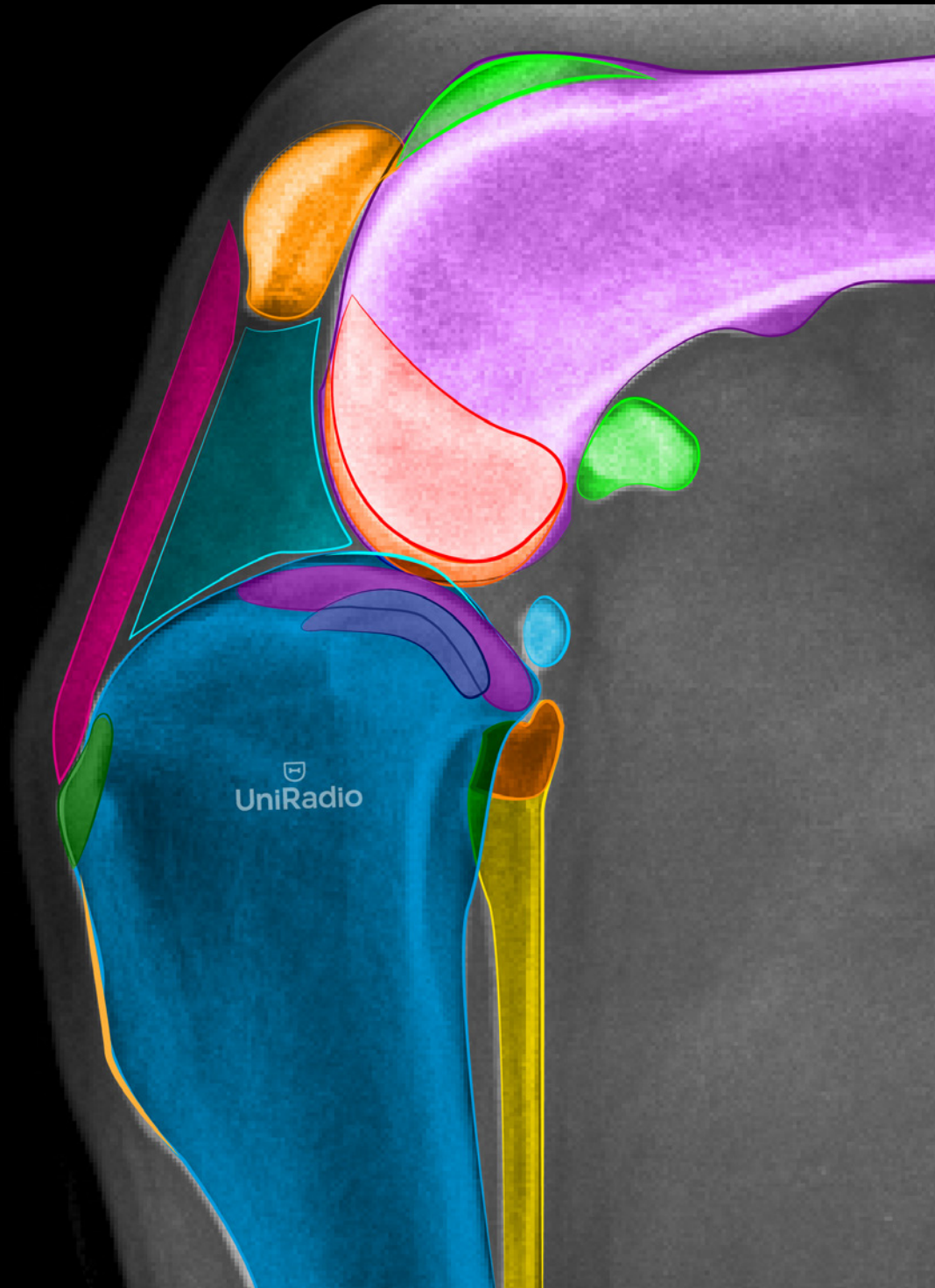
MEMBRO PÉLVICO . JOELHO

Mediolateral



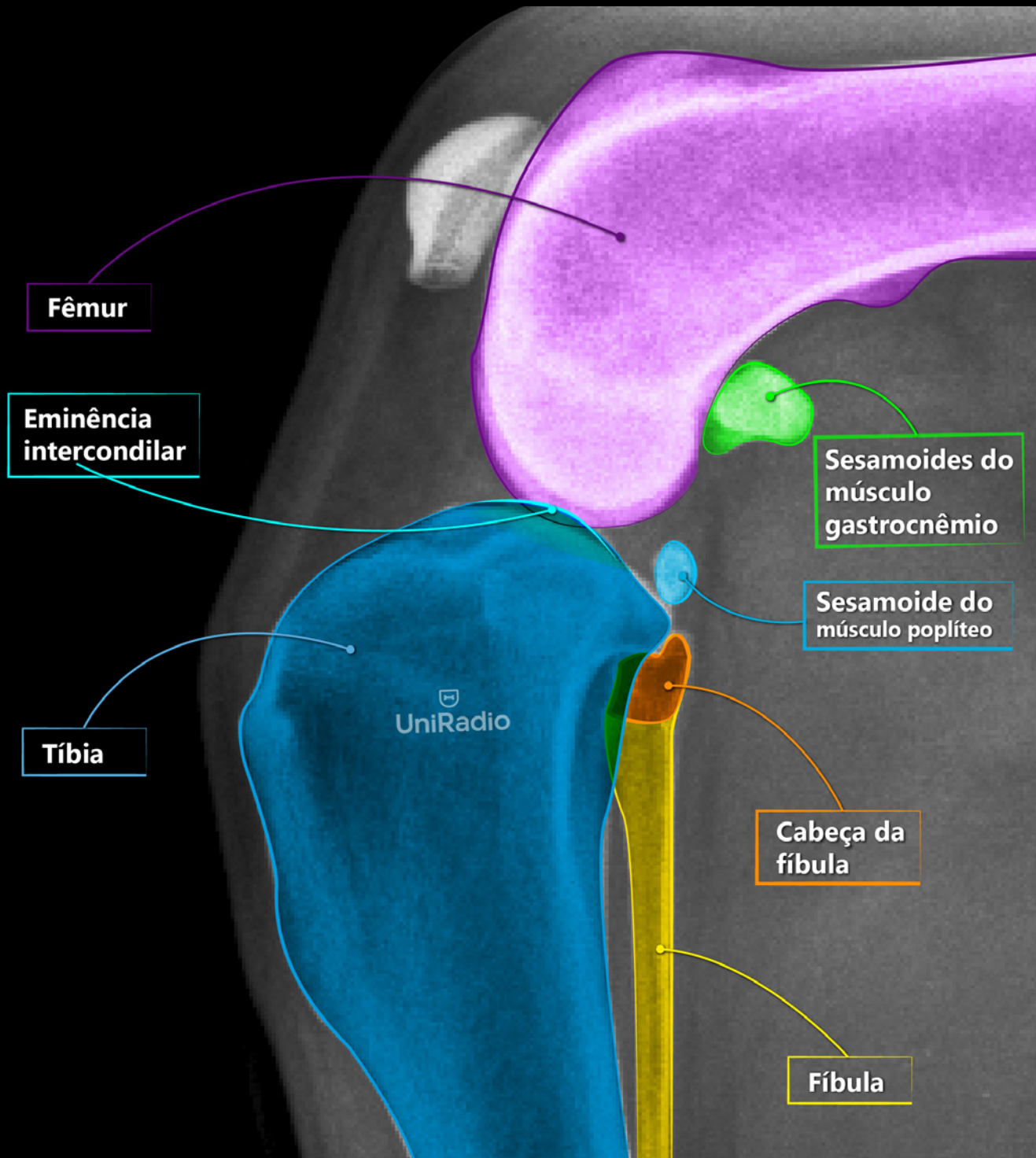
MEMBRO PÉLVICO . JOELHO

Mediolateral



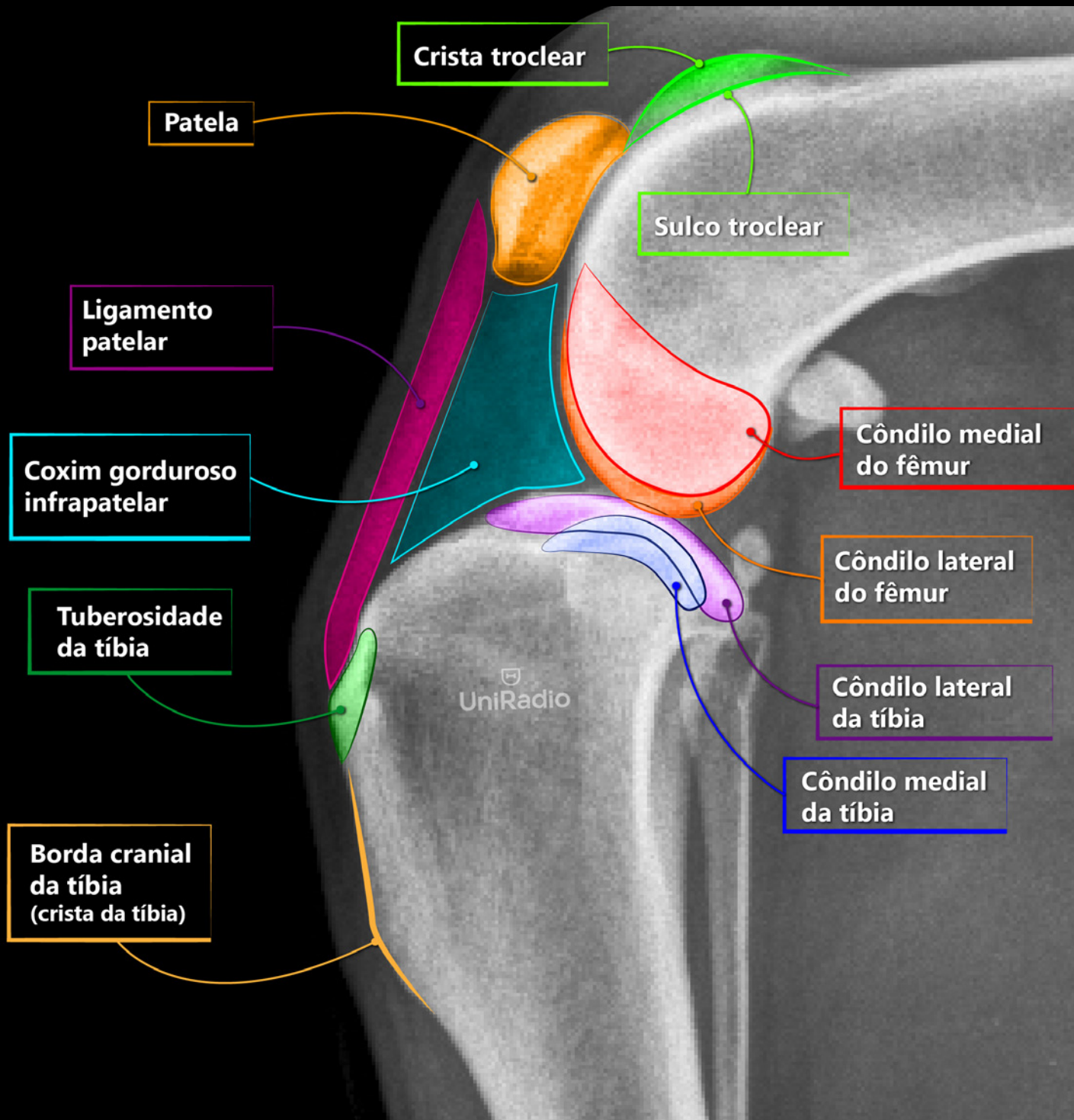
MEMBRO PÉLVICO . JOELHO

Mediolateral



MEMBRO PÉLVICO . JOELHO

Mediolateral



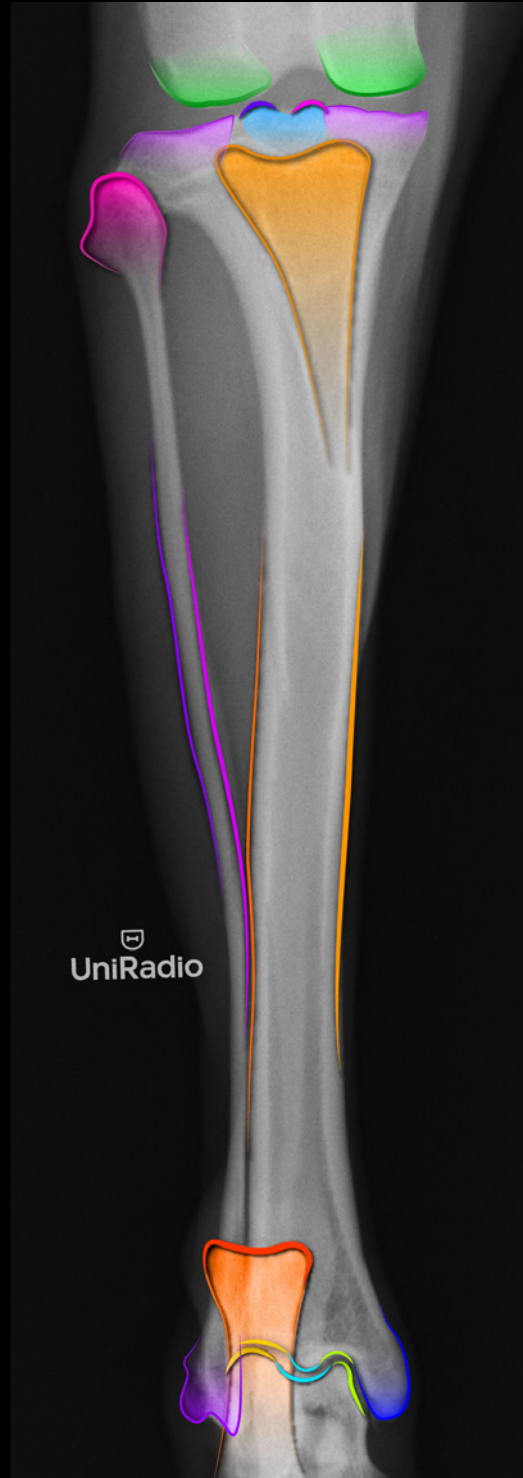
MEMBRO PÉLVICO . TÍBIA E FÍBULA

Craniocaudal



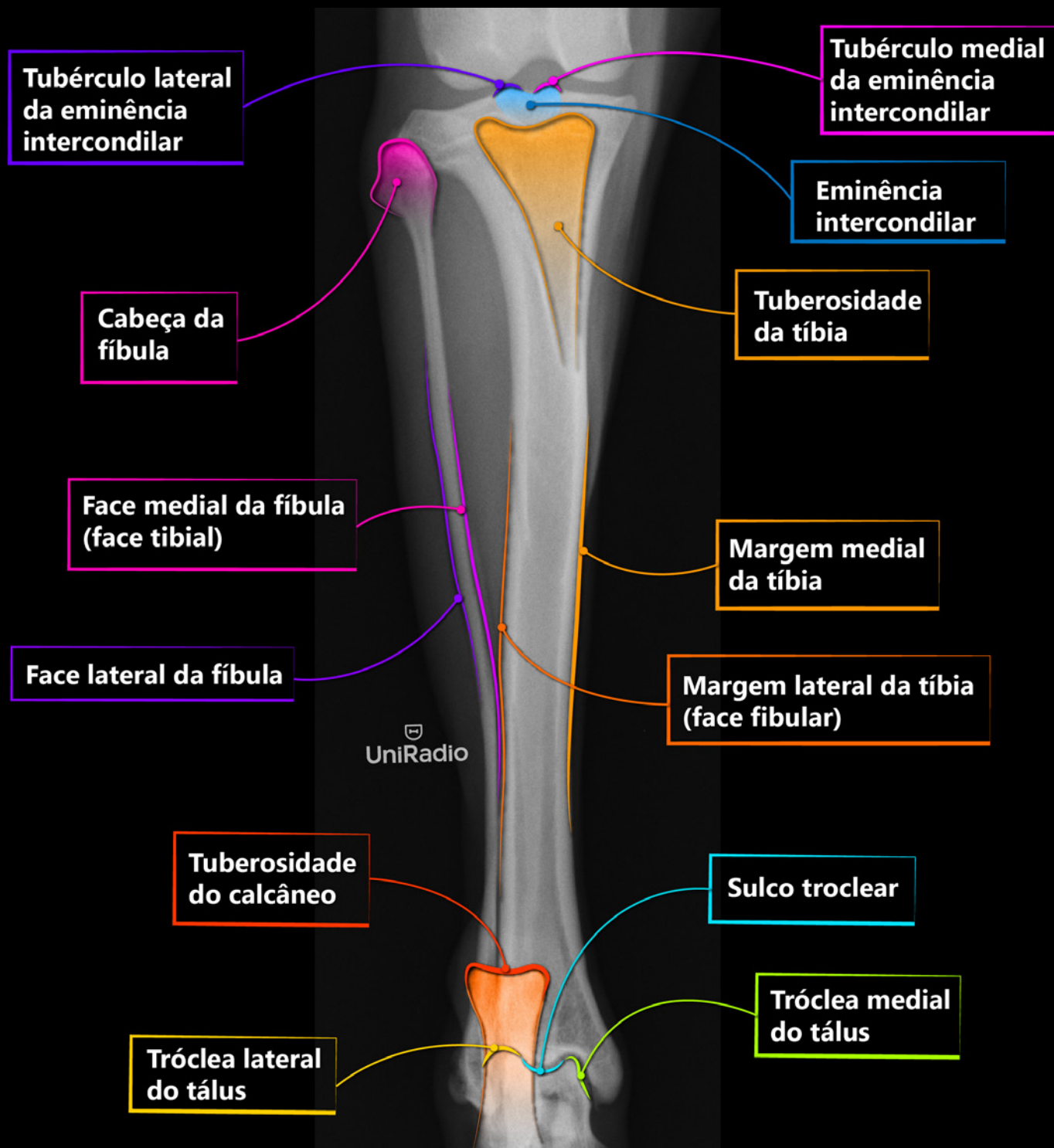
MEMBRO PÉLVICO . TÍBIA E FÍBULA

Craniocaudal



MEMBRO PÉLVICO . TÍBIA E FÍBULA

Craniocaudal



MEMBRO PÉLVICO . TÍBIA E FÍBULA

Craniocaudal



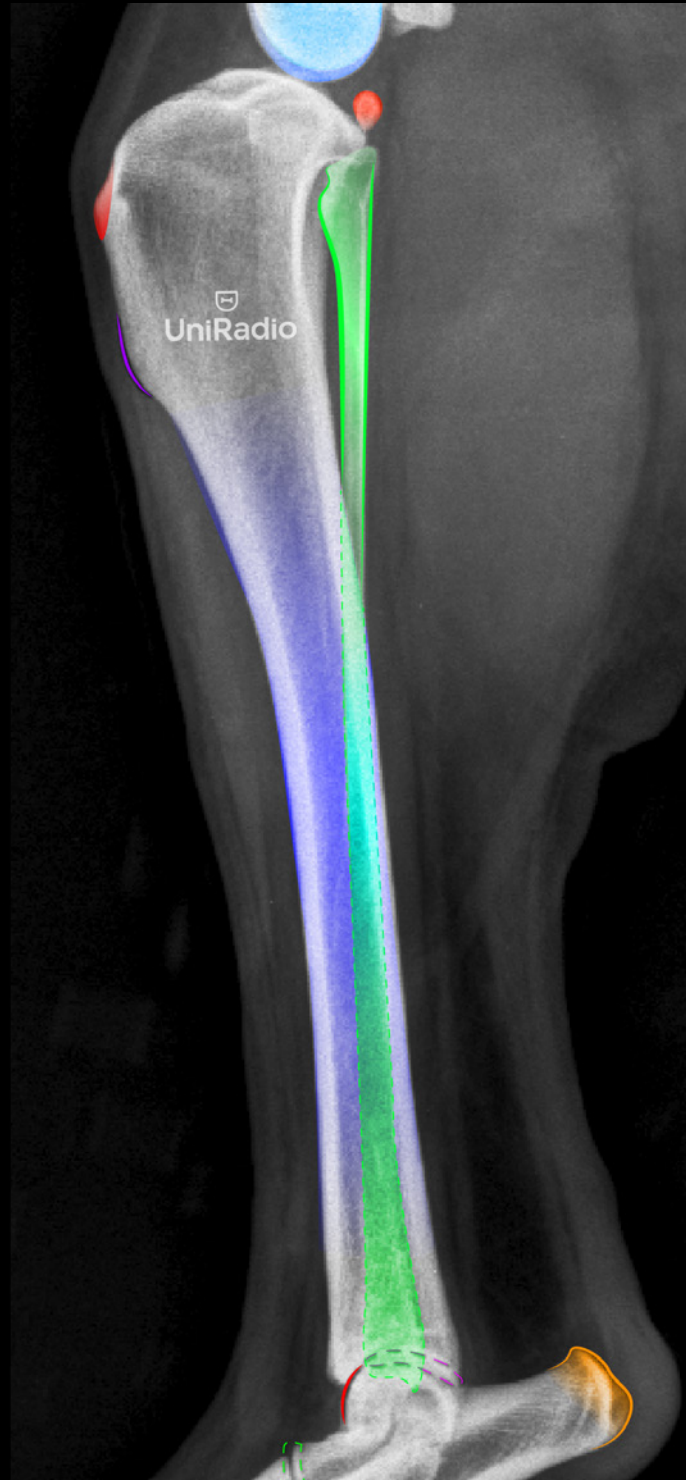
MEMBRO PÉLVICO . TÍBIA E FÍBULA

Mediolateral



MEMBRO PÉLVICO . TÍBIA E FÍBULA

Mediolateral



MEMBRO PÉLVICO . TÍBIA E FÍBULA

Mediolateral



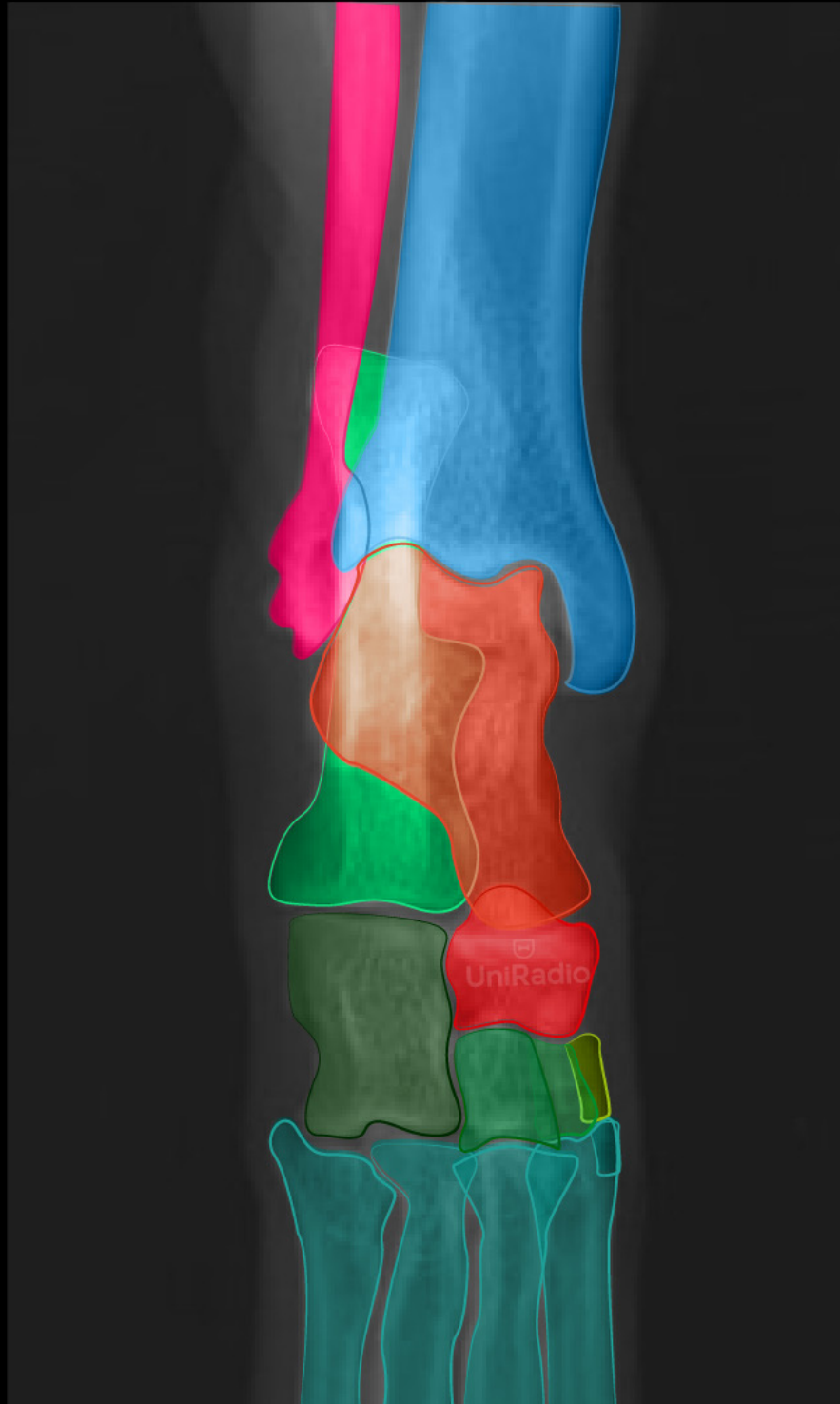
MEMBRO PÉLVICO . TARSO

Dorsoplantar



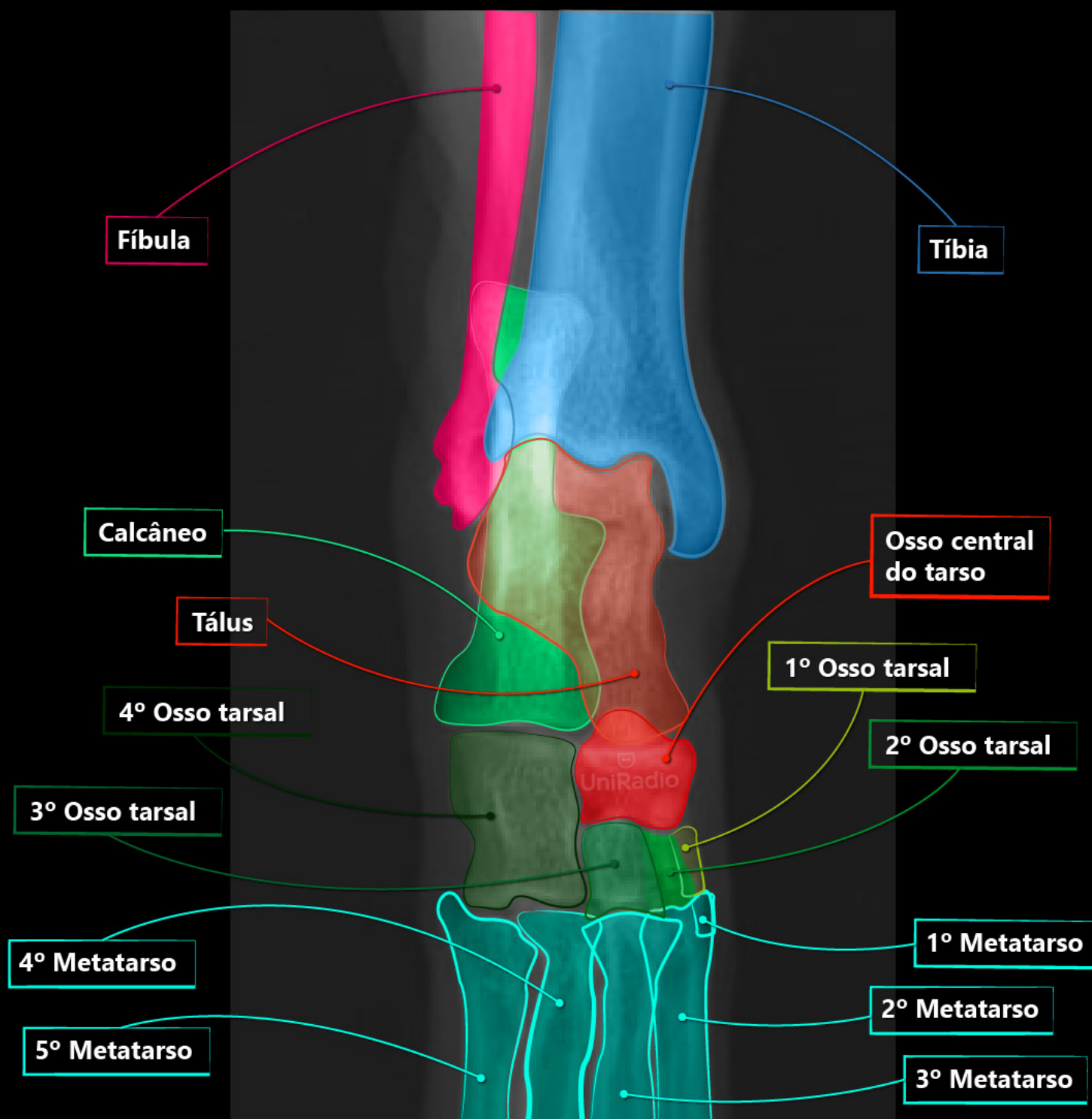
MEMBRO PÉLVICO . TARSO

Dorsoplantar



MEMBRO PÉLVICO . TARSO

Dorsoplantar



MEMBRO PÉLVICO . TARSO

Dorsoplantar



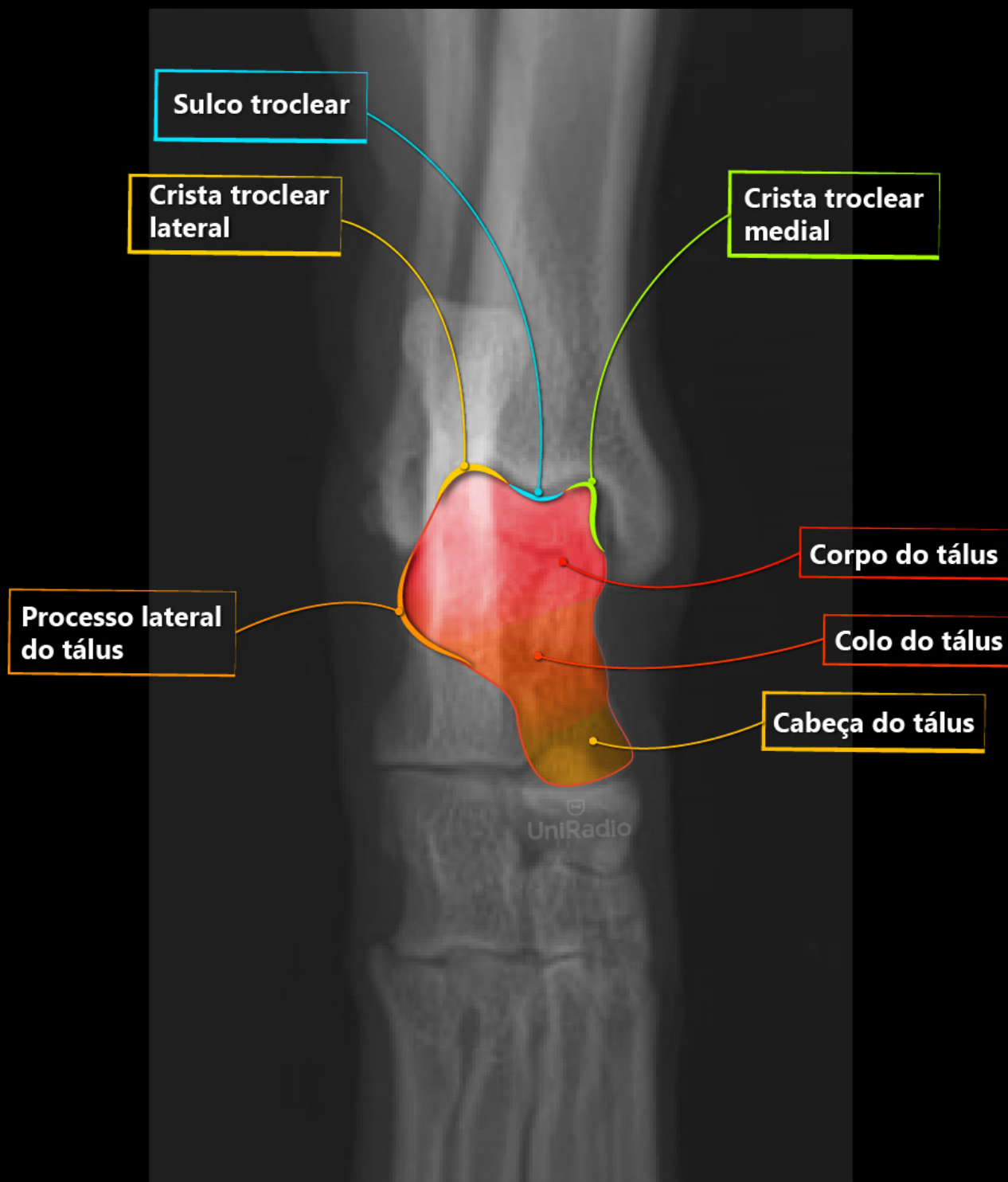
MEMBRO PÉLVICO . TARSO

Dorsoplantar



MEMBRO PÉLVICO . TARSO

Dorsoplantar



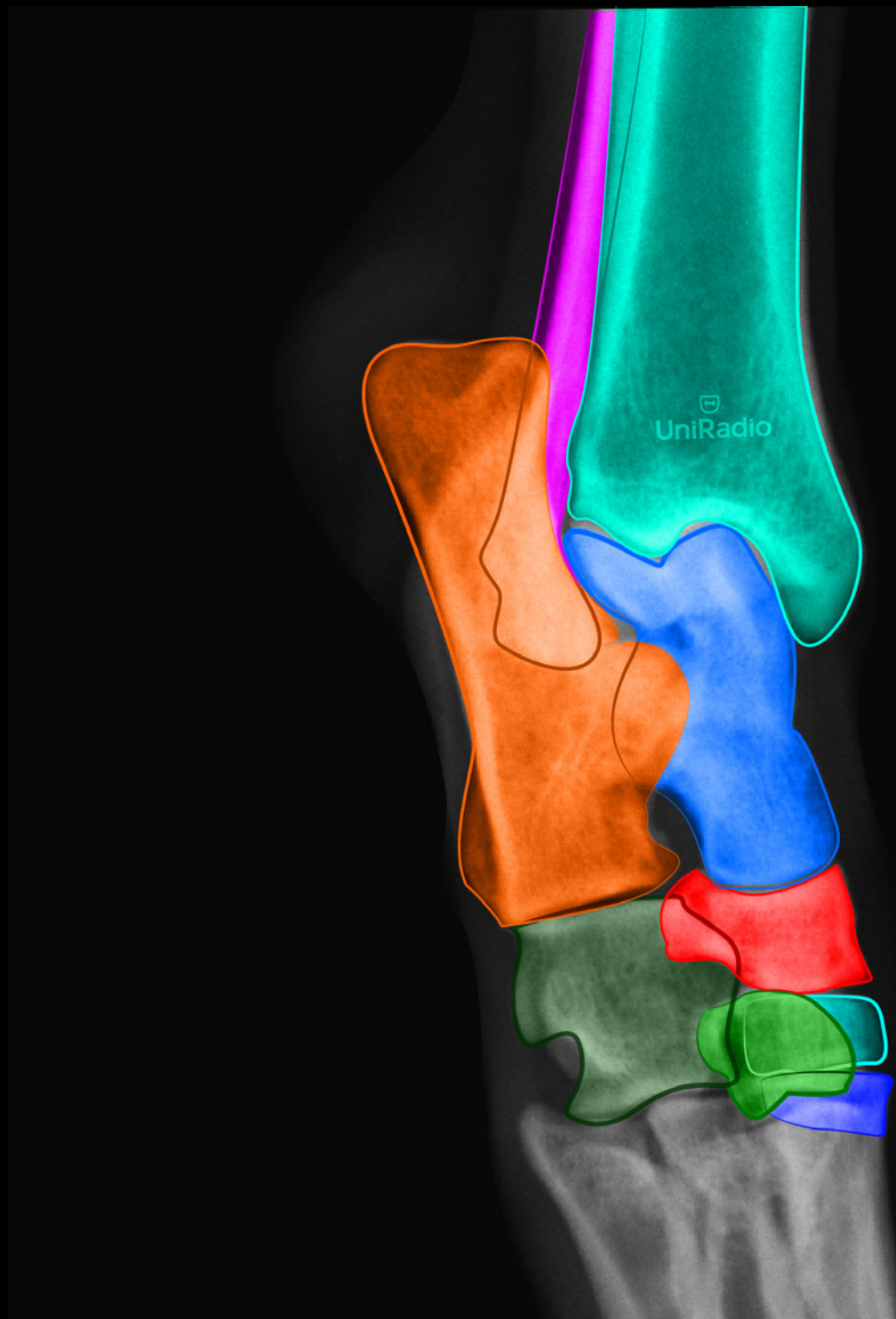
MEMBRO PÉLVICO . TARSO

Dorsoplantar oblíqua medial



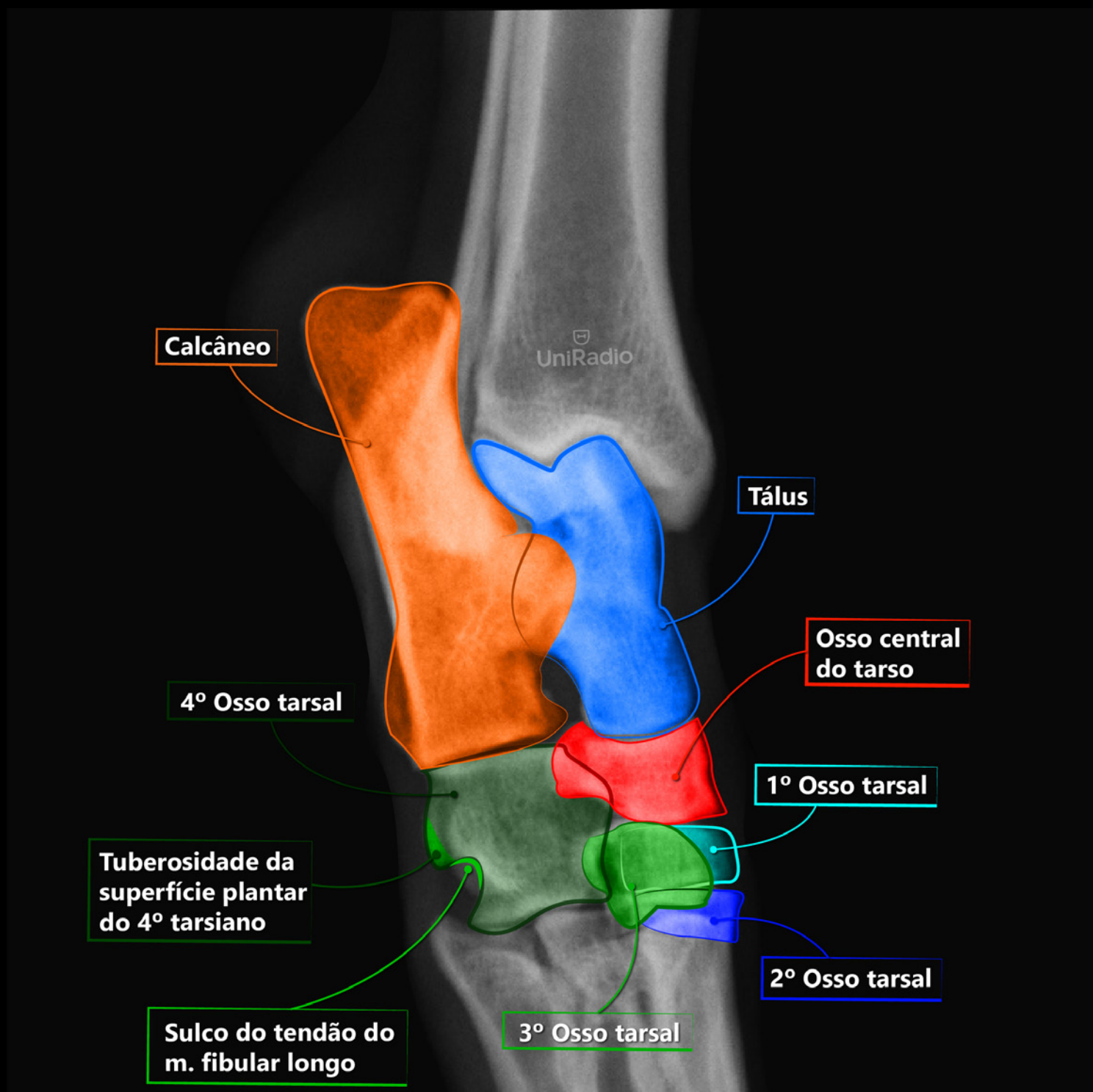
MEMBRO PÉLVICO . TARSO

Dorsoplantar oblíqua medial



MEMBRO PÉLVICO . TARSO

Dorsoplantar oblíqua medial



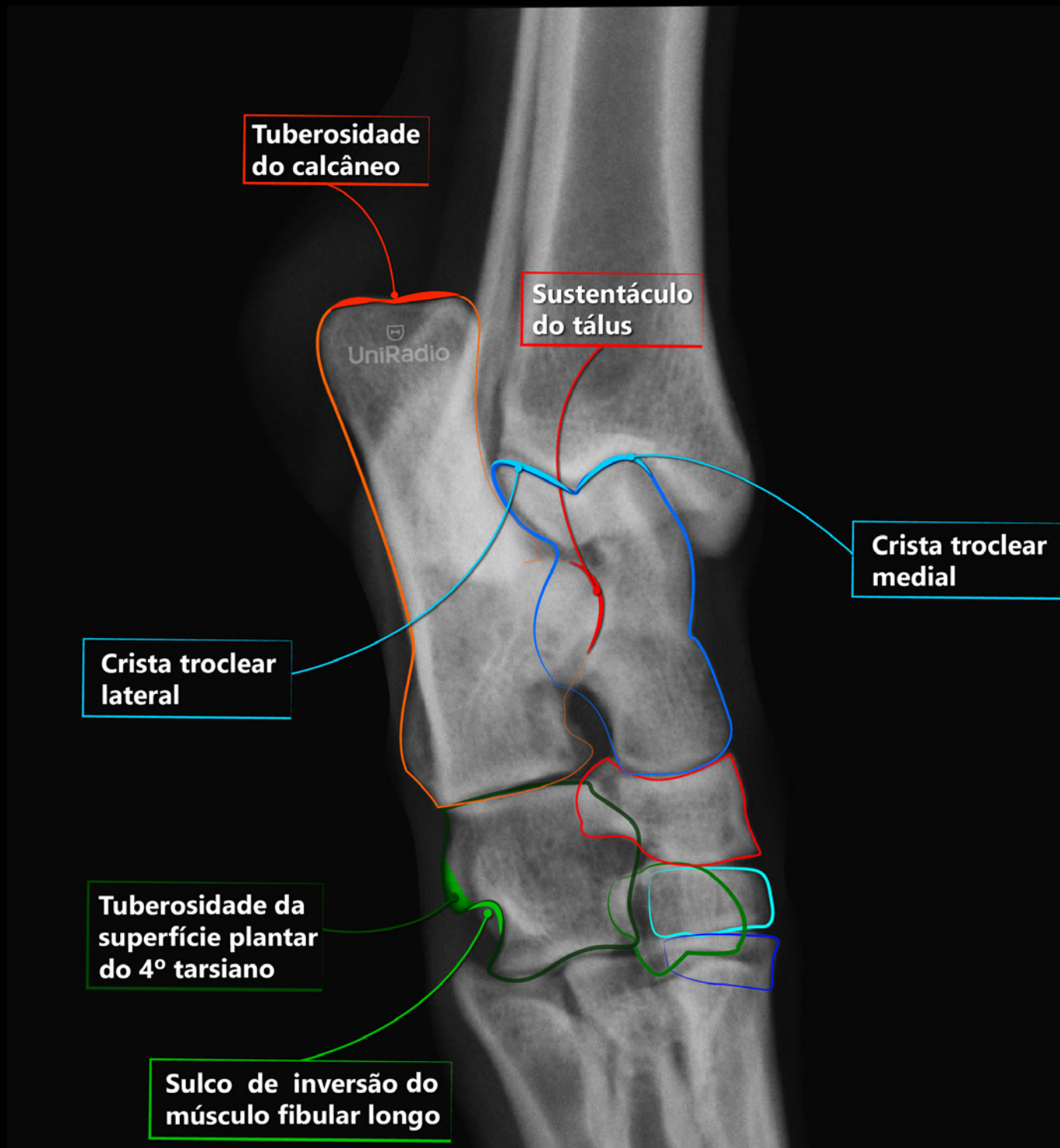
MEMBRO PÉLVICO . TARSO

Dorsoplantar oblíqua medial



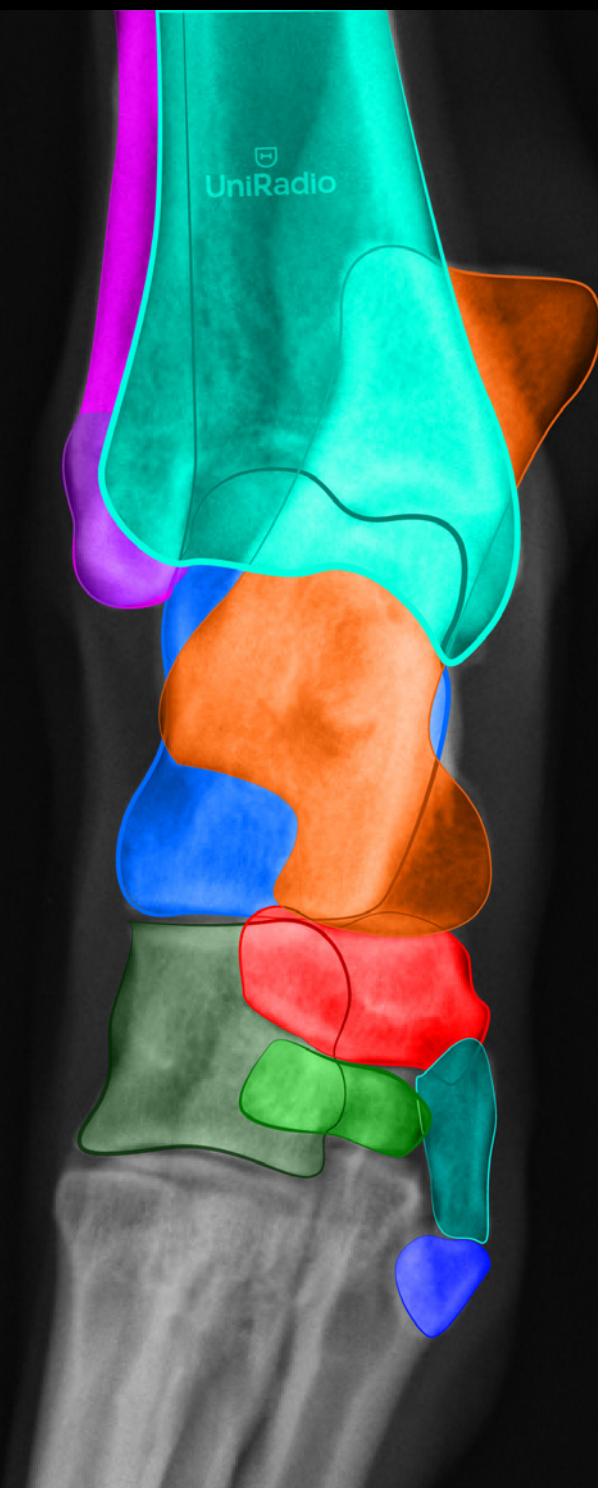
MEMBRO PÉLVICO . TARSO

Dorsoplantar oblíqua medial



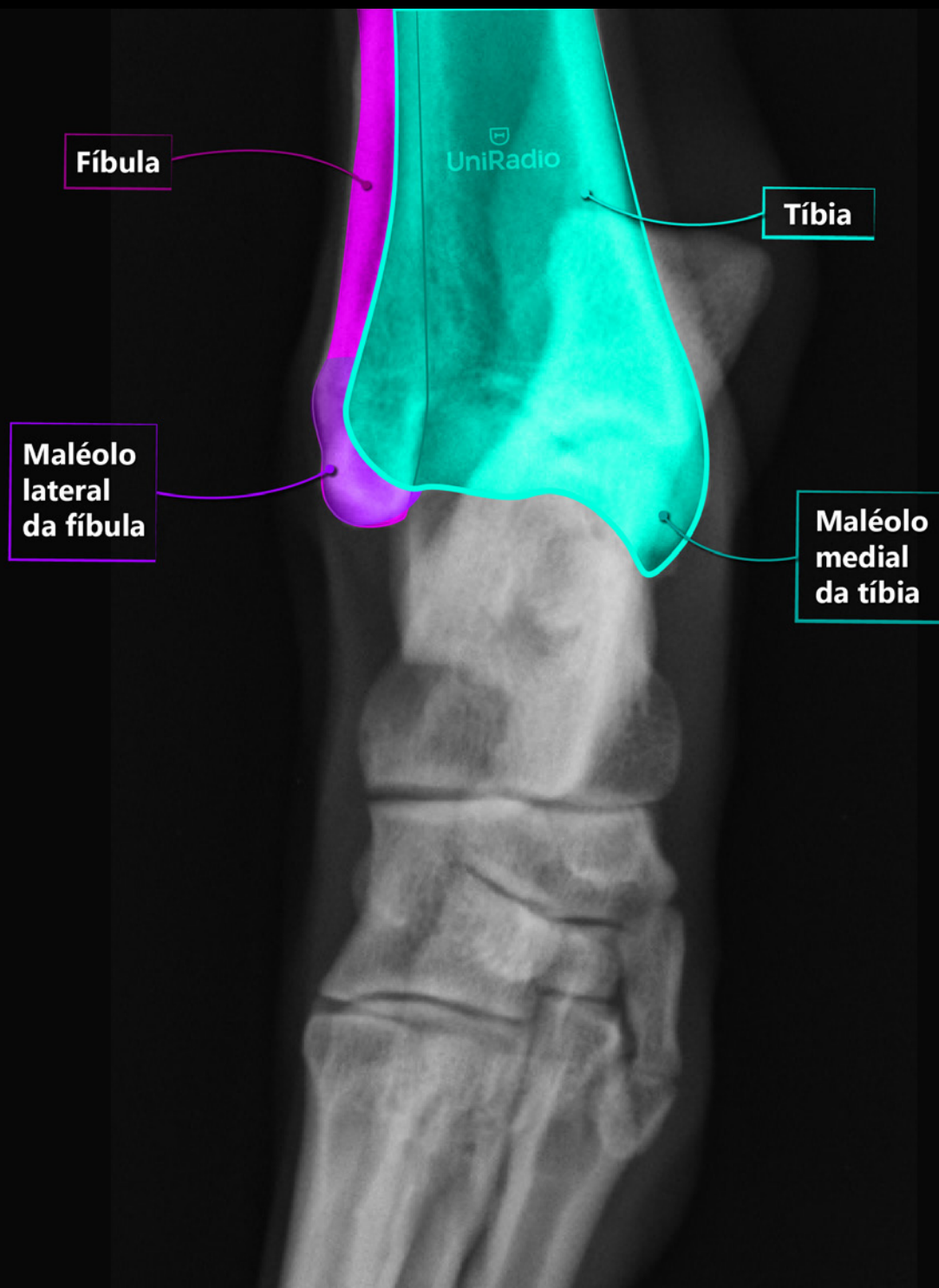
MEMBRO PÉLVICO . TARSO

Dorsoplantar oblíqua lateral



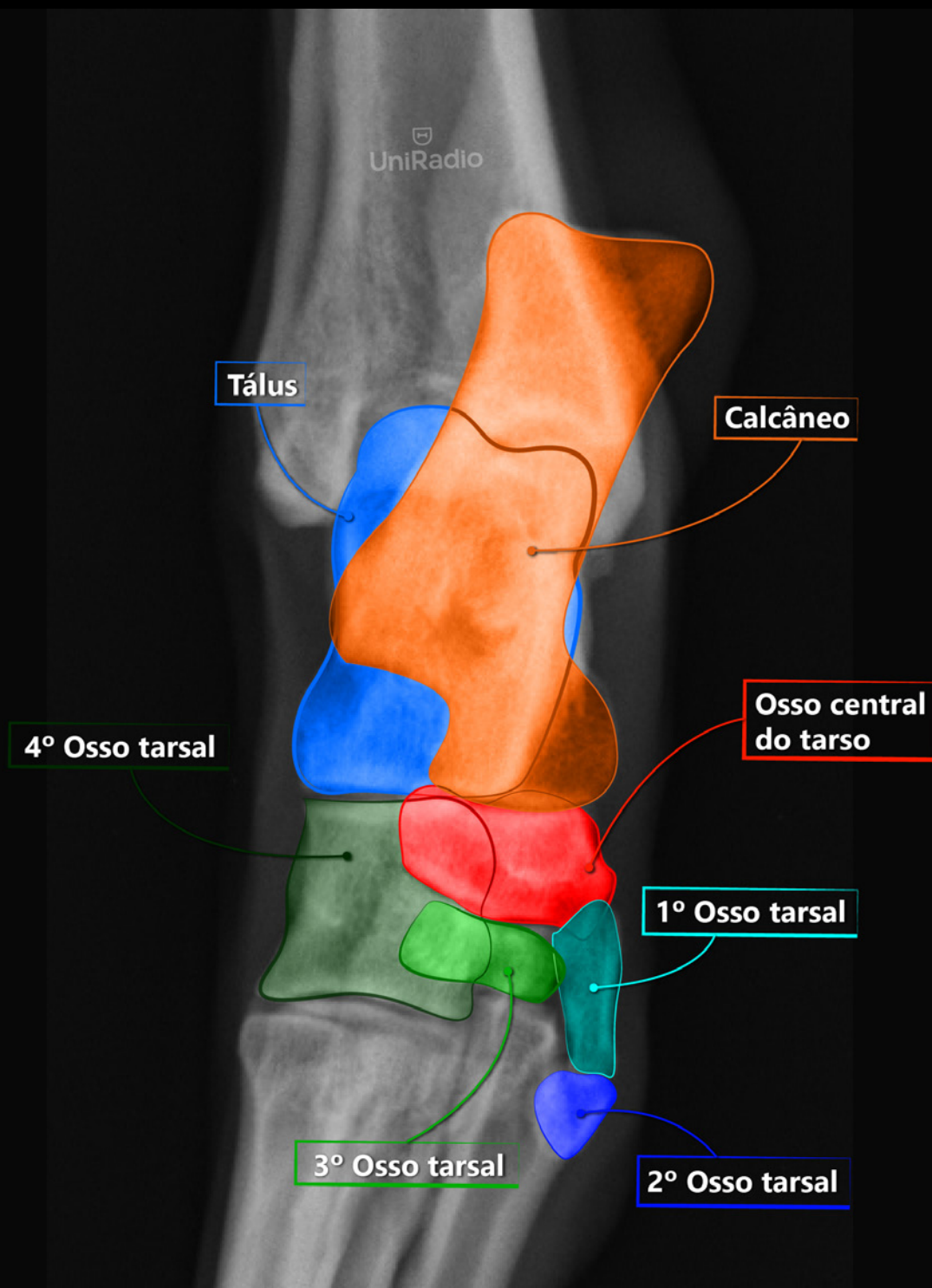
MEMBRO PÉLVICO . TARSO

Dorsoplantar oblíqua lateral



MEMBRO PÉLVICO . TARSO

Dorsoplantar oblíqua lateral



MEMBRO PÉLVICO . TARSO

Mediolateral



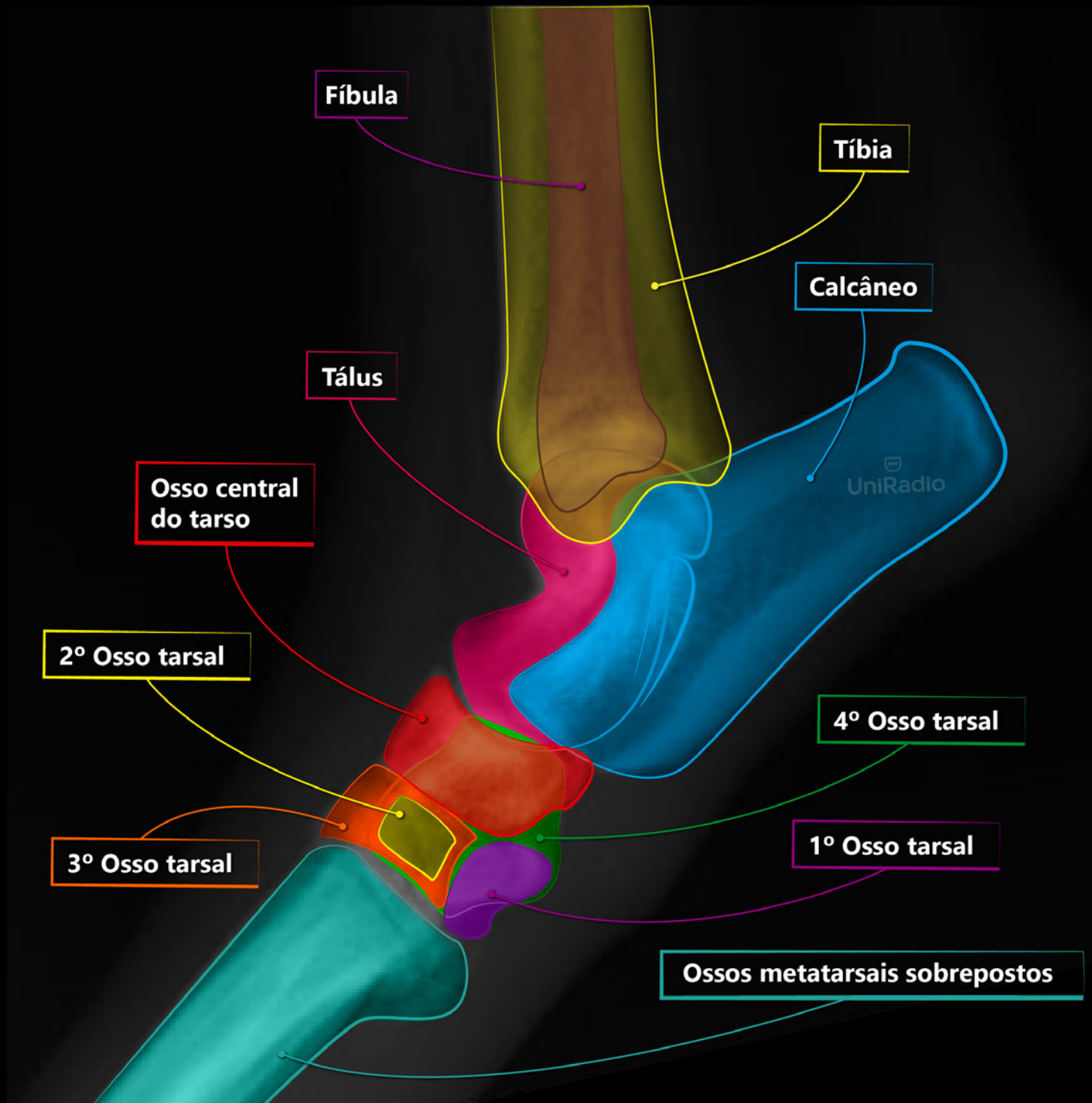
MEMBRO PÉLVICO . TARSO

Mediolateral



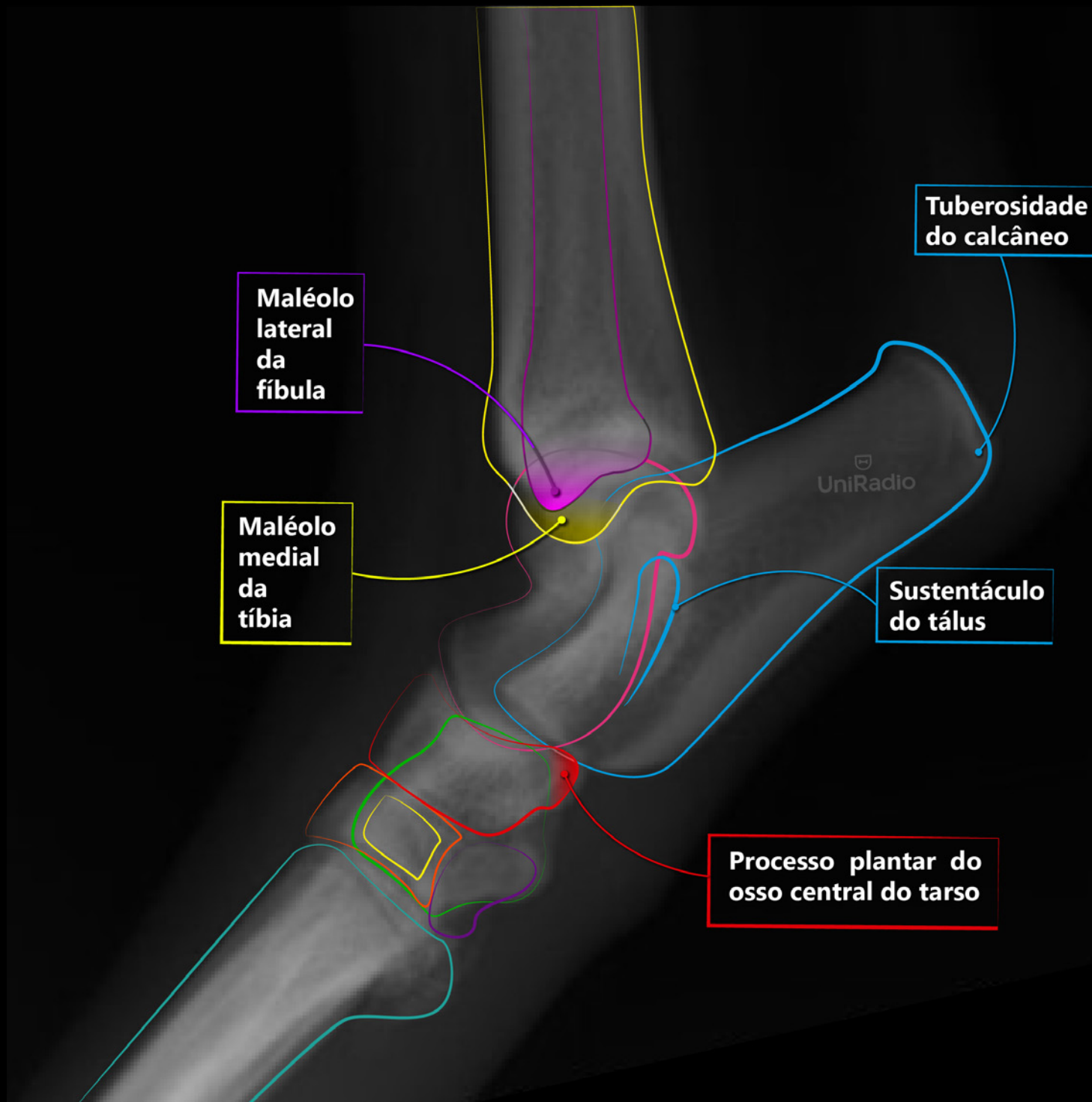
MEMBRO PÉLVICO . TARSO

Mediolateral



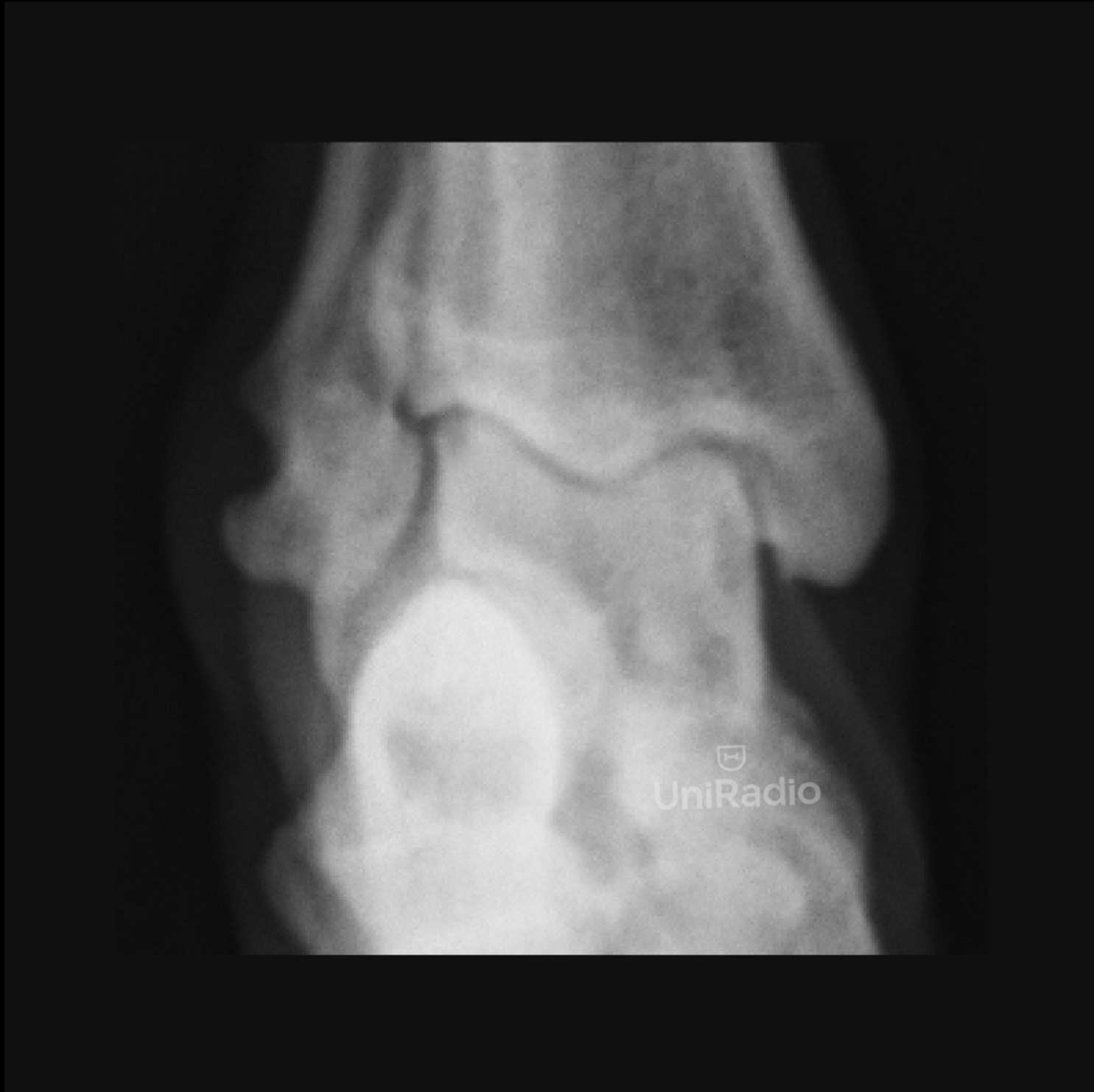
MEMBRO PÉLVICO . TARSO

Mediolateral



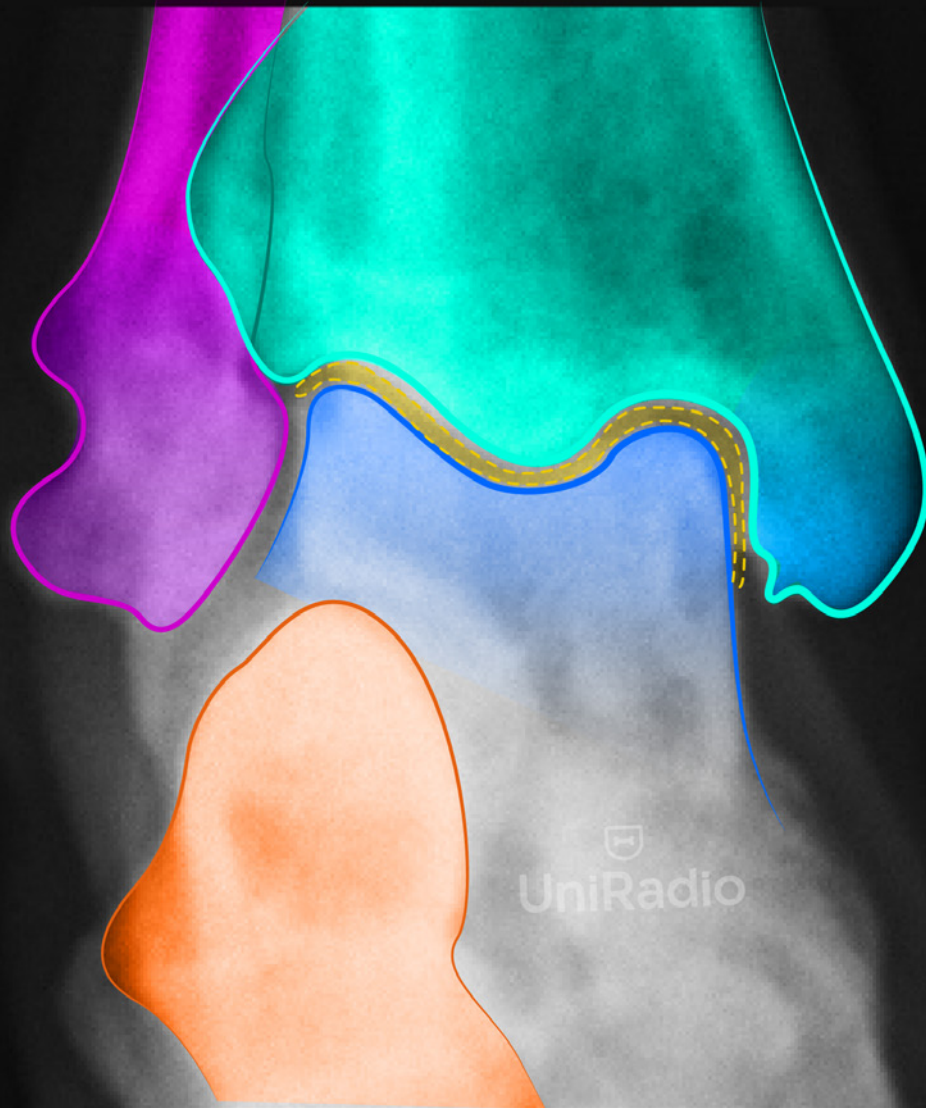
MEMBRO PÉLVICO . TARSO

Tangencial ou skyline - Dorsoplantar



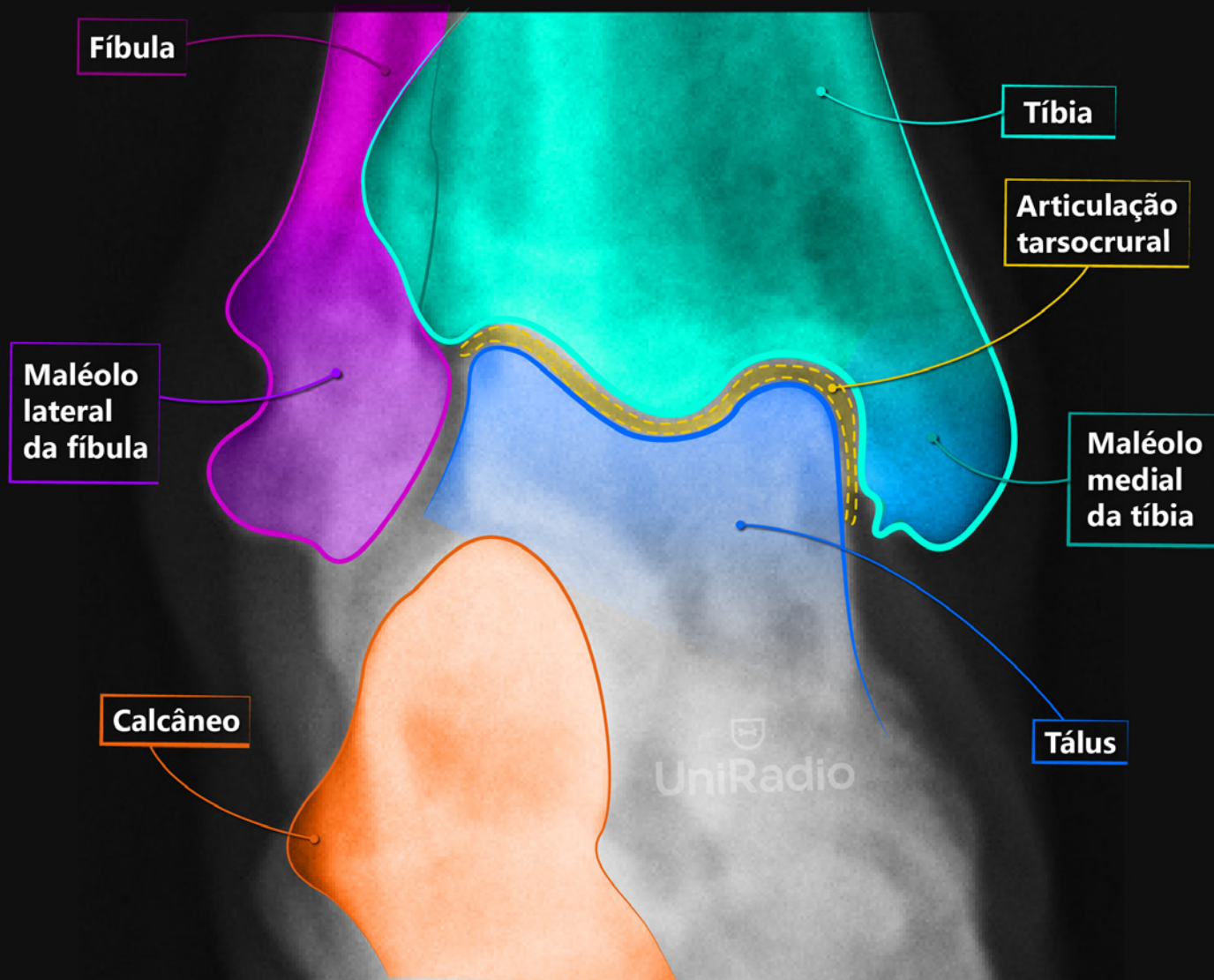
MEMBRO PÉLVICO . TARSO

Tangencial ou skyline - Dorsoplantar



MEMBRO PÉLVICO . TARSO

Tangencial ou skyline - Dorsoplantar



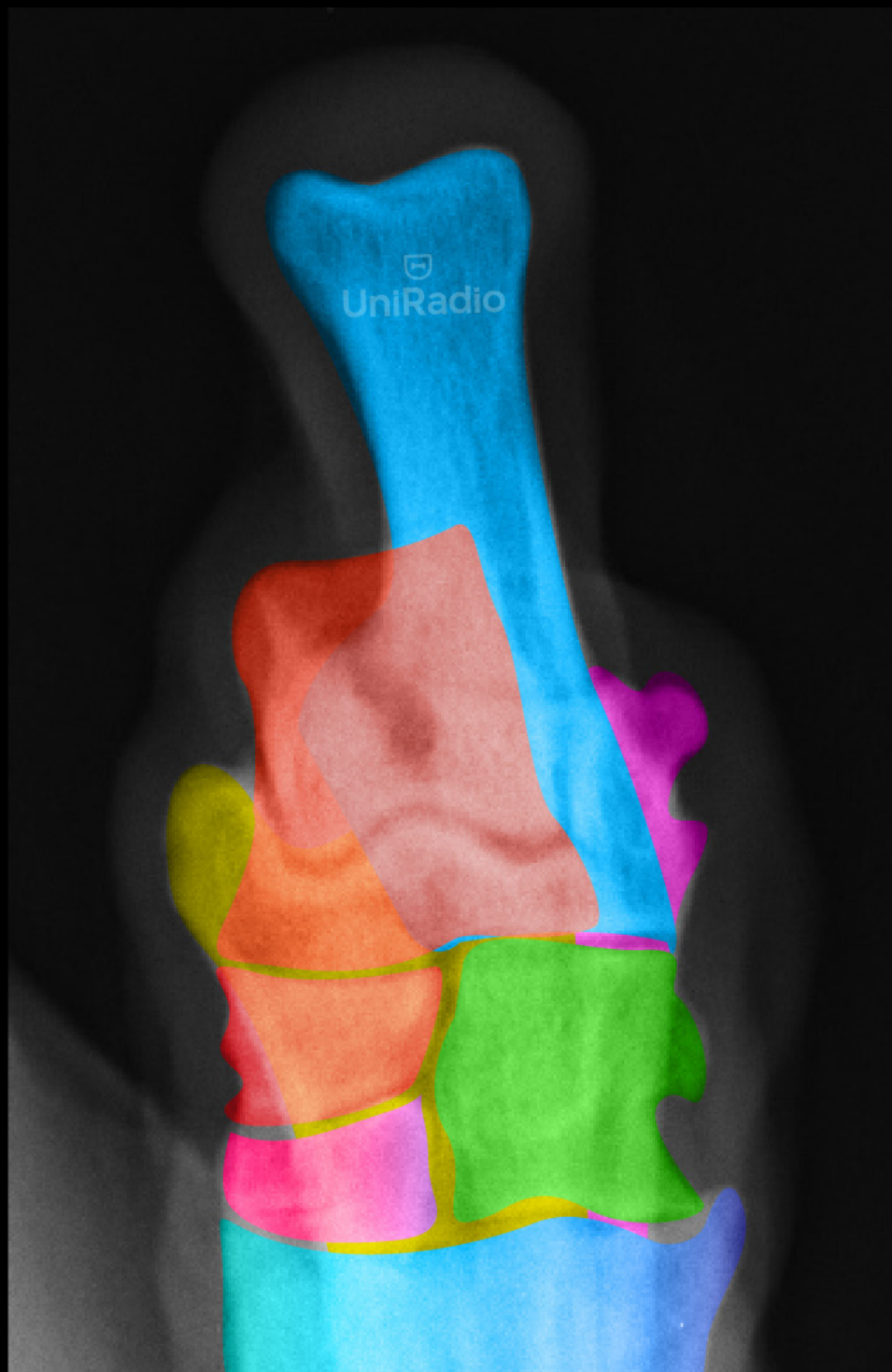
MEMBRO PÉLVICO . TARSO

Dorsoplantar para tálus e calcâneo



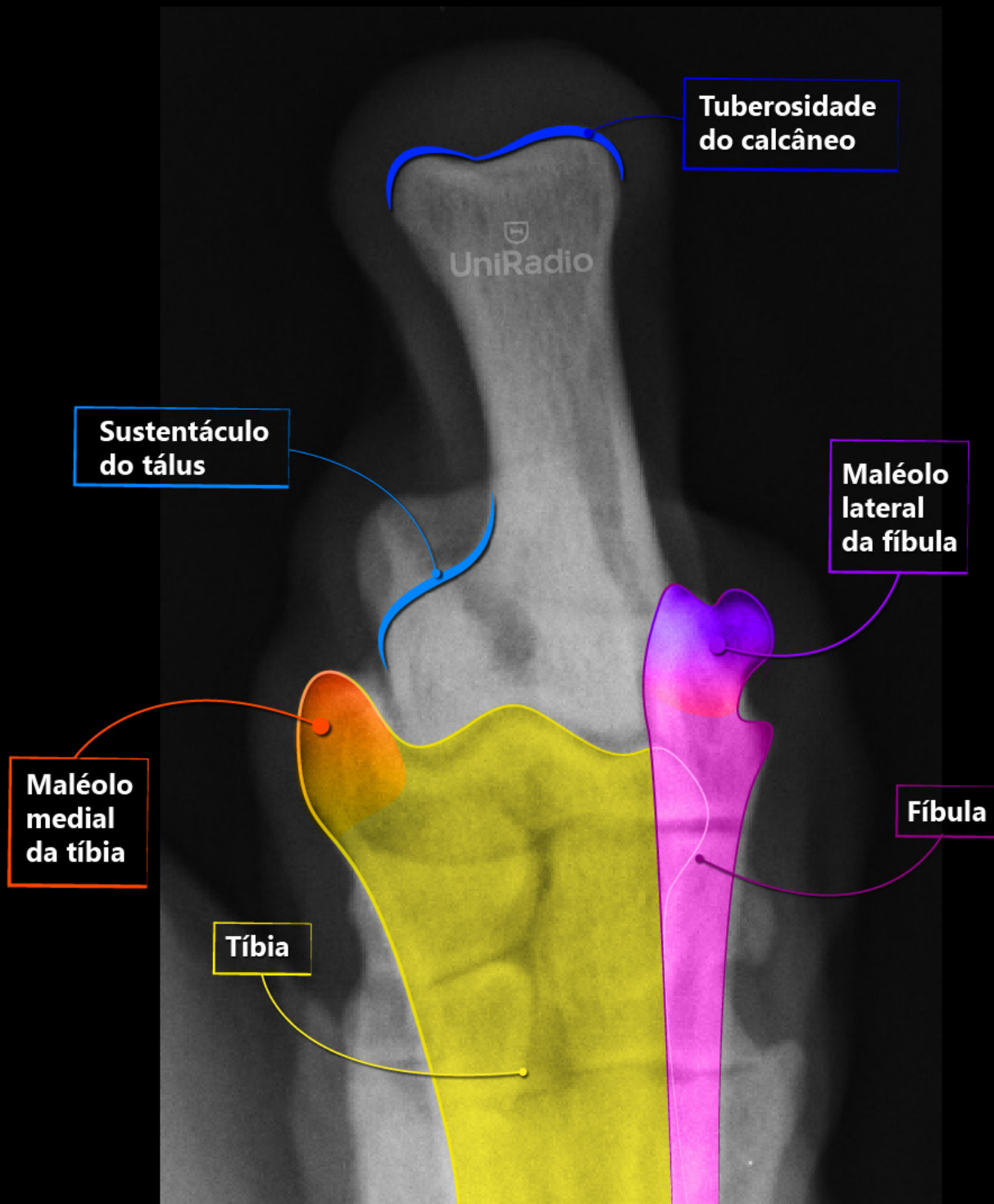
MEMBRO PÉLVICO . TARSO

Dorsoplantar para tálus e calcâneo



MEMBRO PÉLVICO . TARSO

Dorsoplantar para tálus e calcâneo



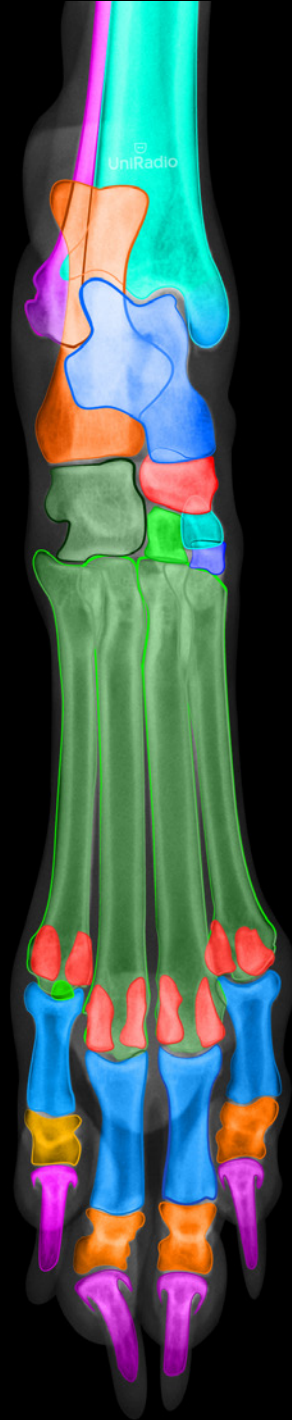
MEMBRO PÉLVICO . DÍGITOS

Dorsoplantar



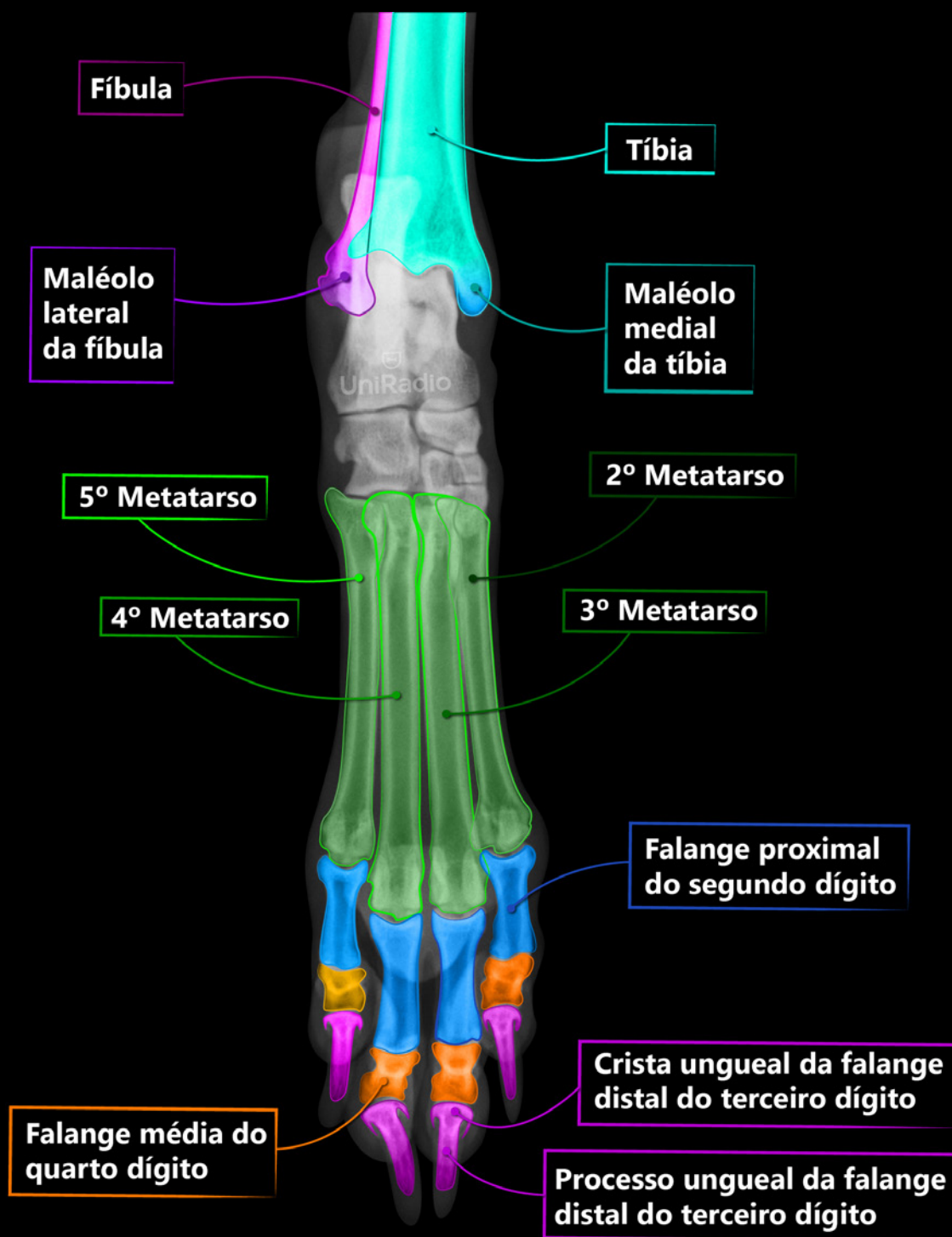
MEMBRO PÉLVICO . DÍGITOS

Dorsoplantar



MEMBRO PÉLVICO . DÍGITOS

Dorsoplantar



MEMBRO PÉLVICO . DÍGITOS

Dorsoplantar



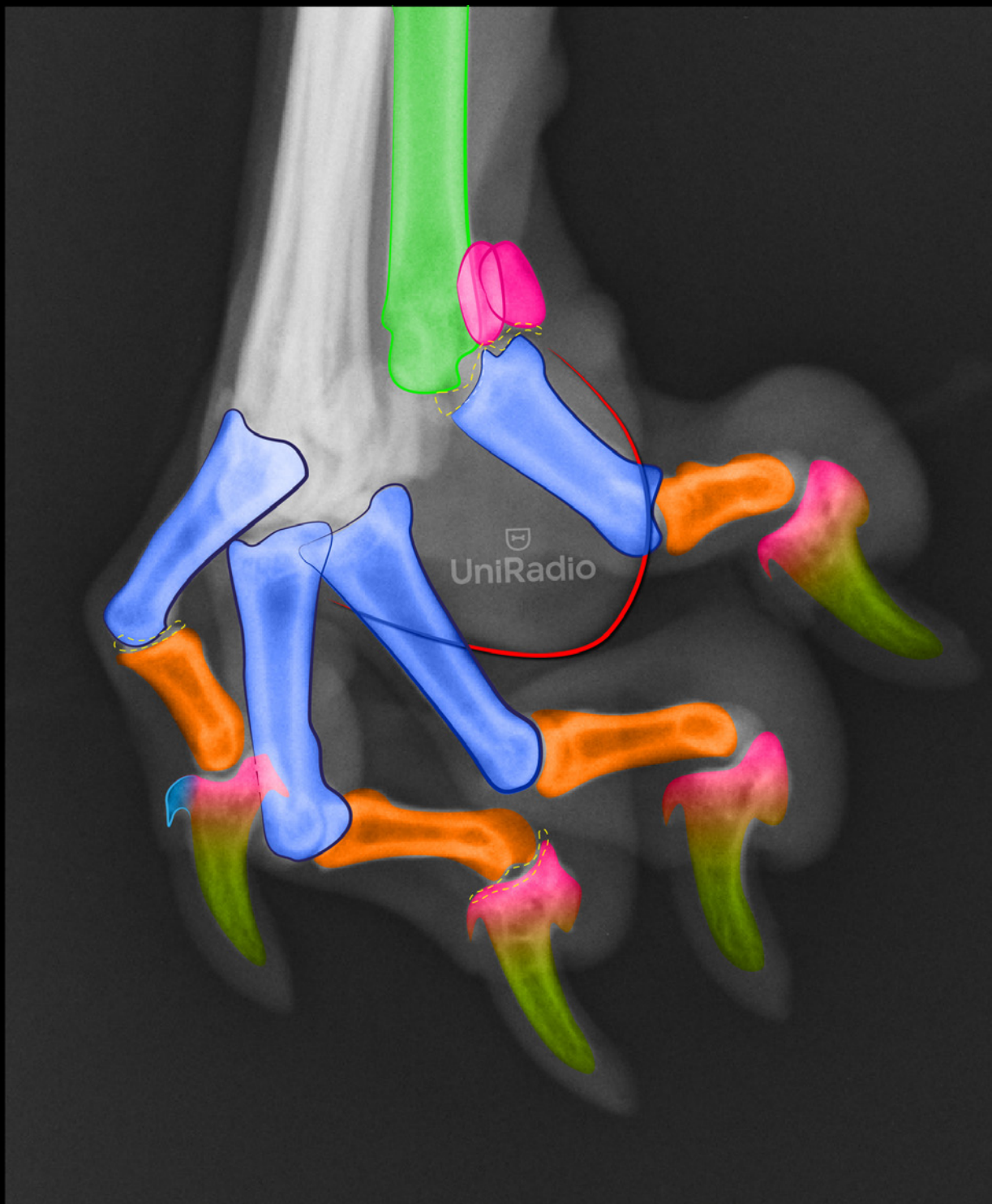
MEMBRO PÉLVICO . DÍGITOS

Mediolateral



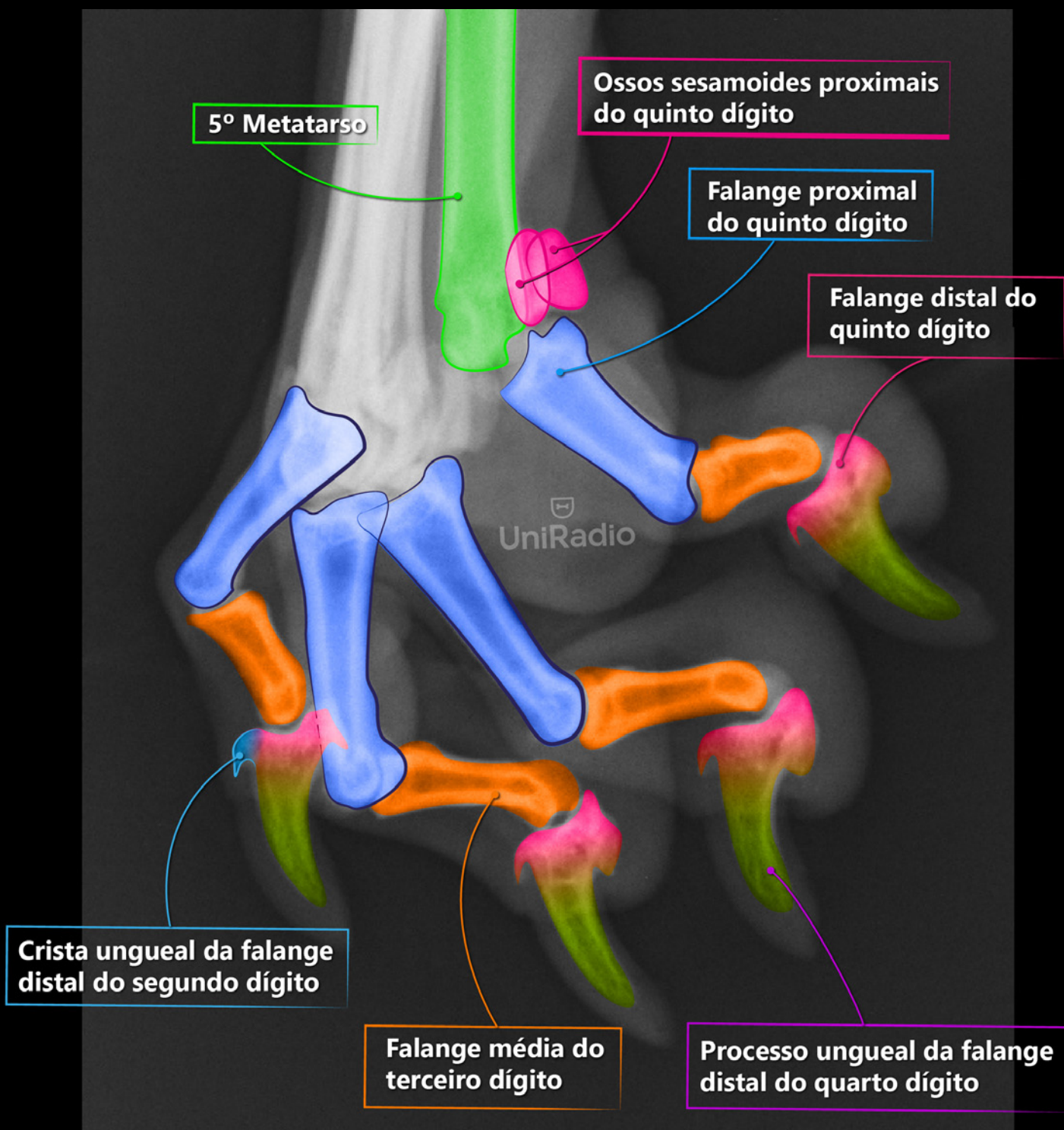
MEMBRO PÉLVICO . DÍGITOS

Mediolateral



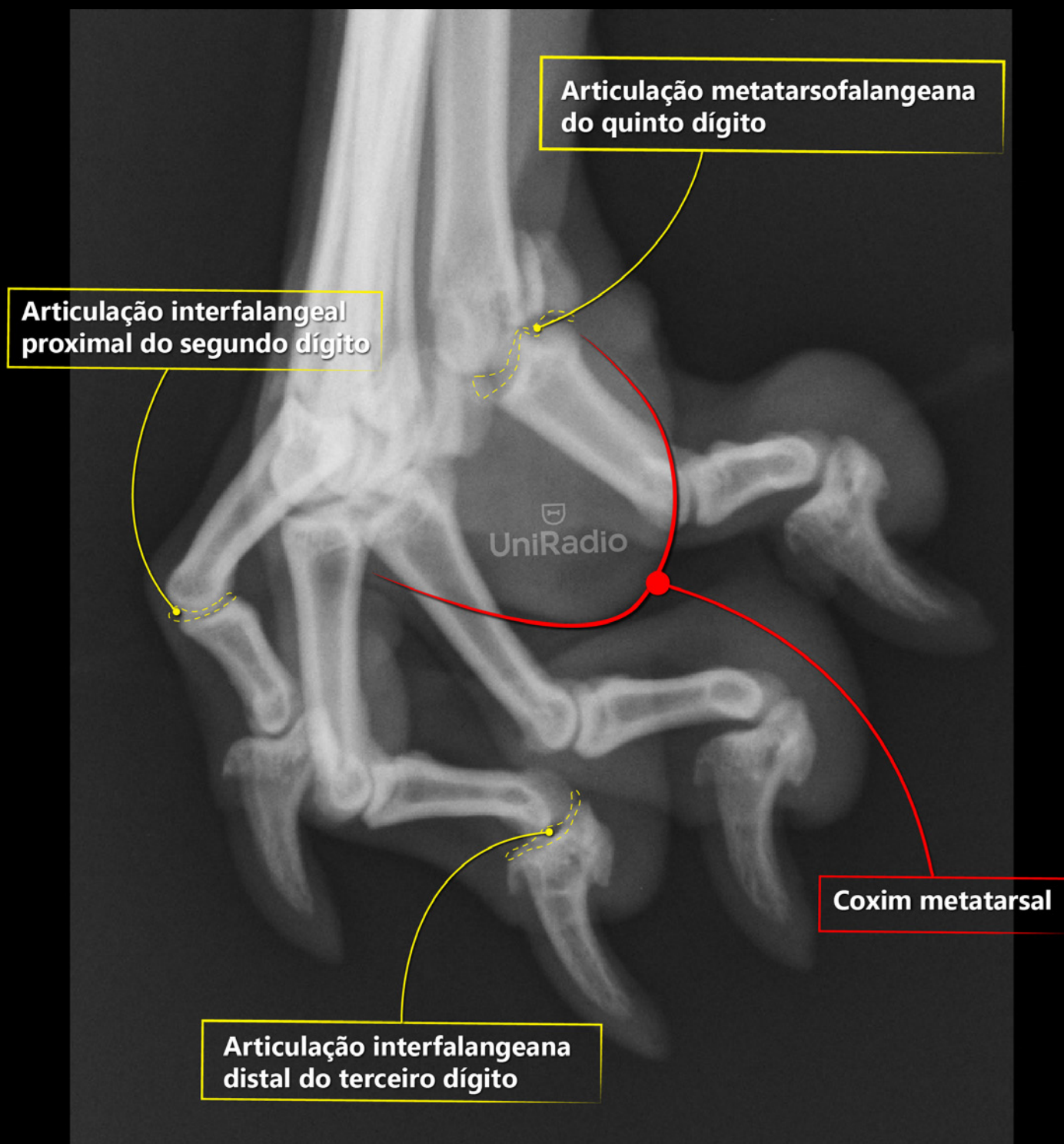
MEMBRO PÉLVICO . DÍGITOS

Mediolateral



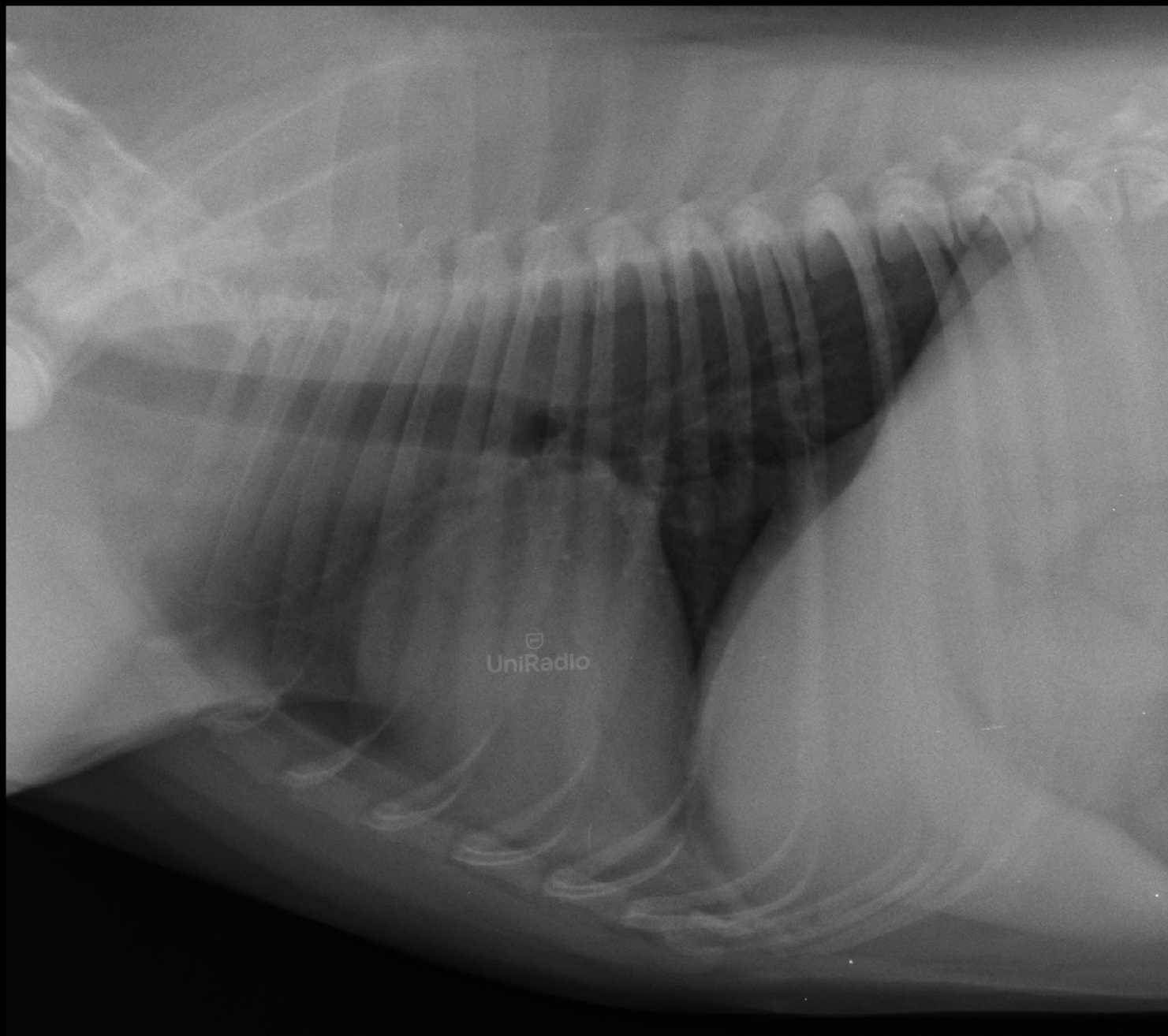
MEMBRO PÉLVICO . DÍGITOS

Mediolateral



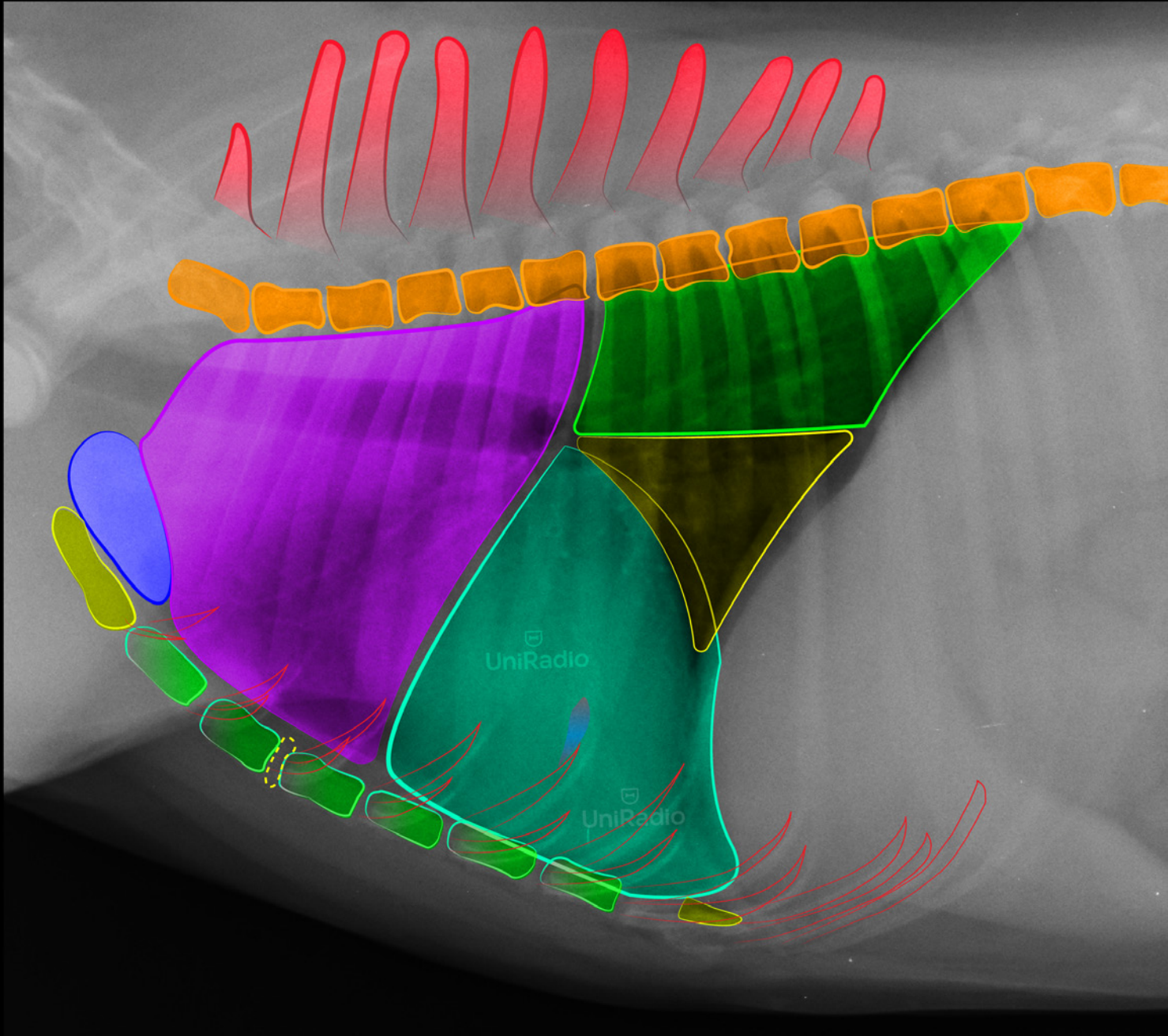
TÓRAX

Laterolateral



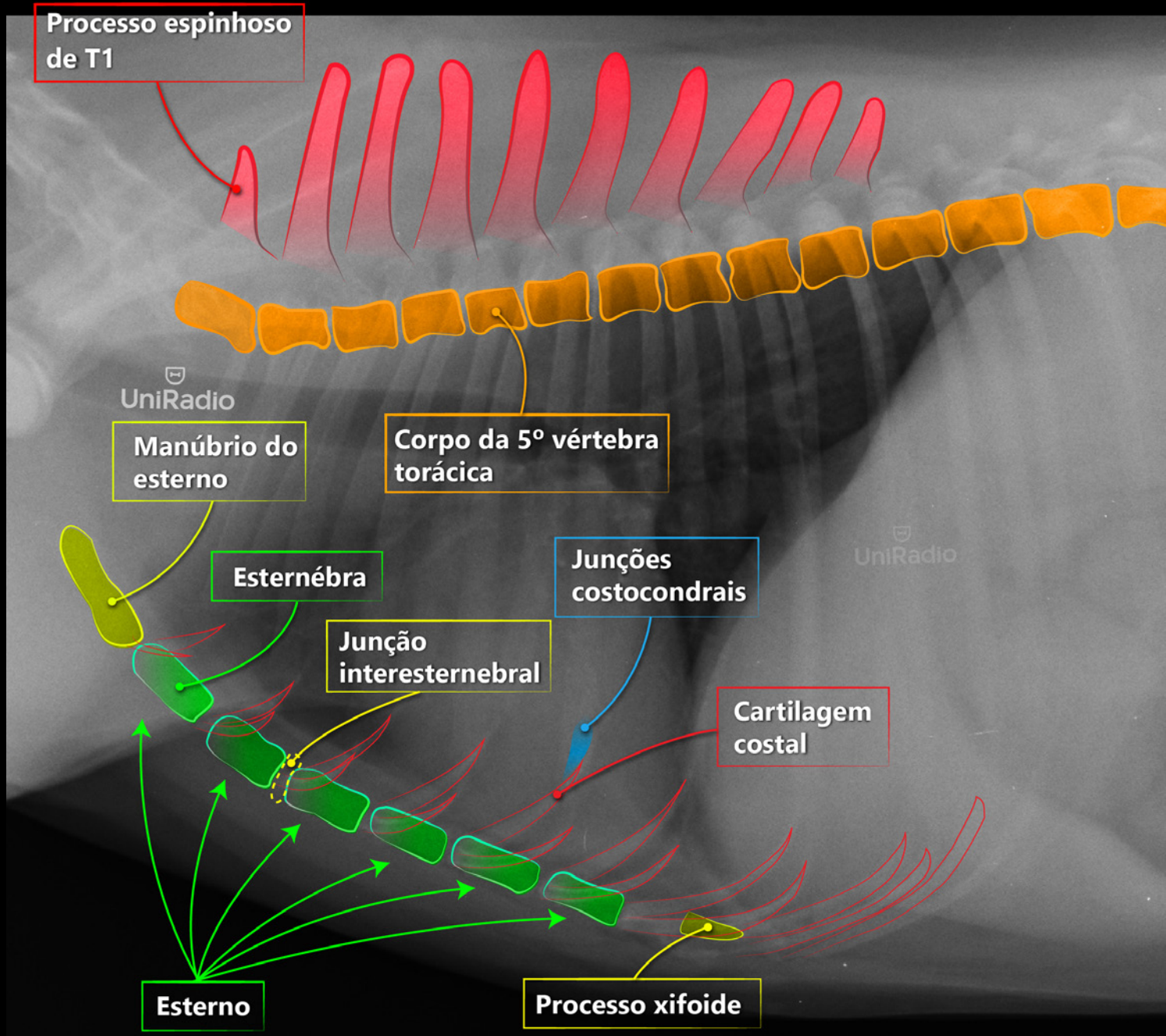
TÓRAX

Laterolateral



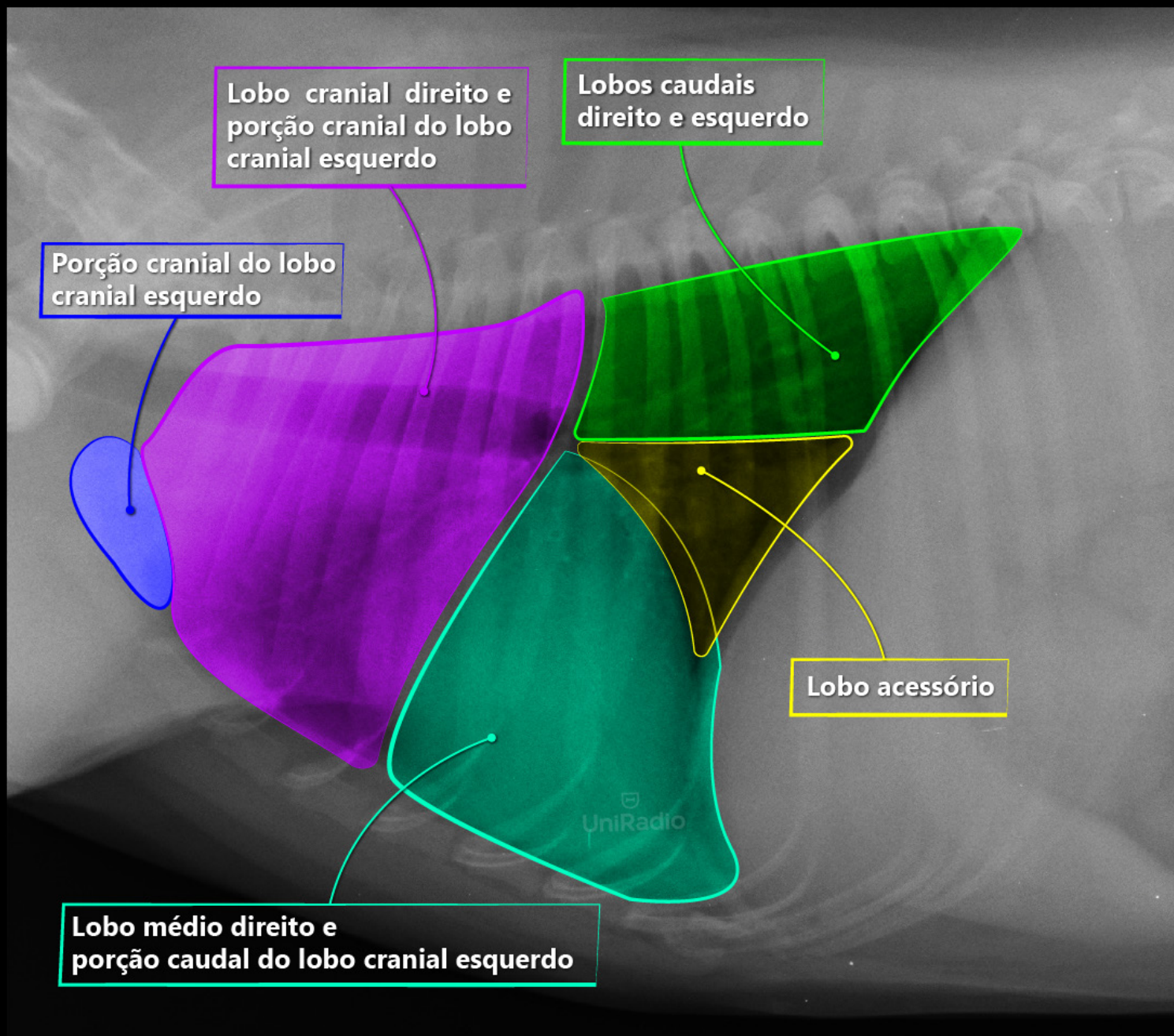
TÓRAX

Laterolateral



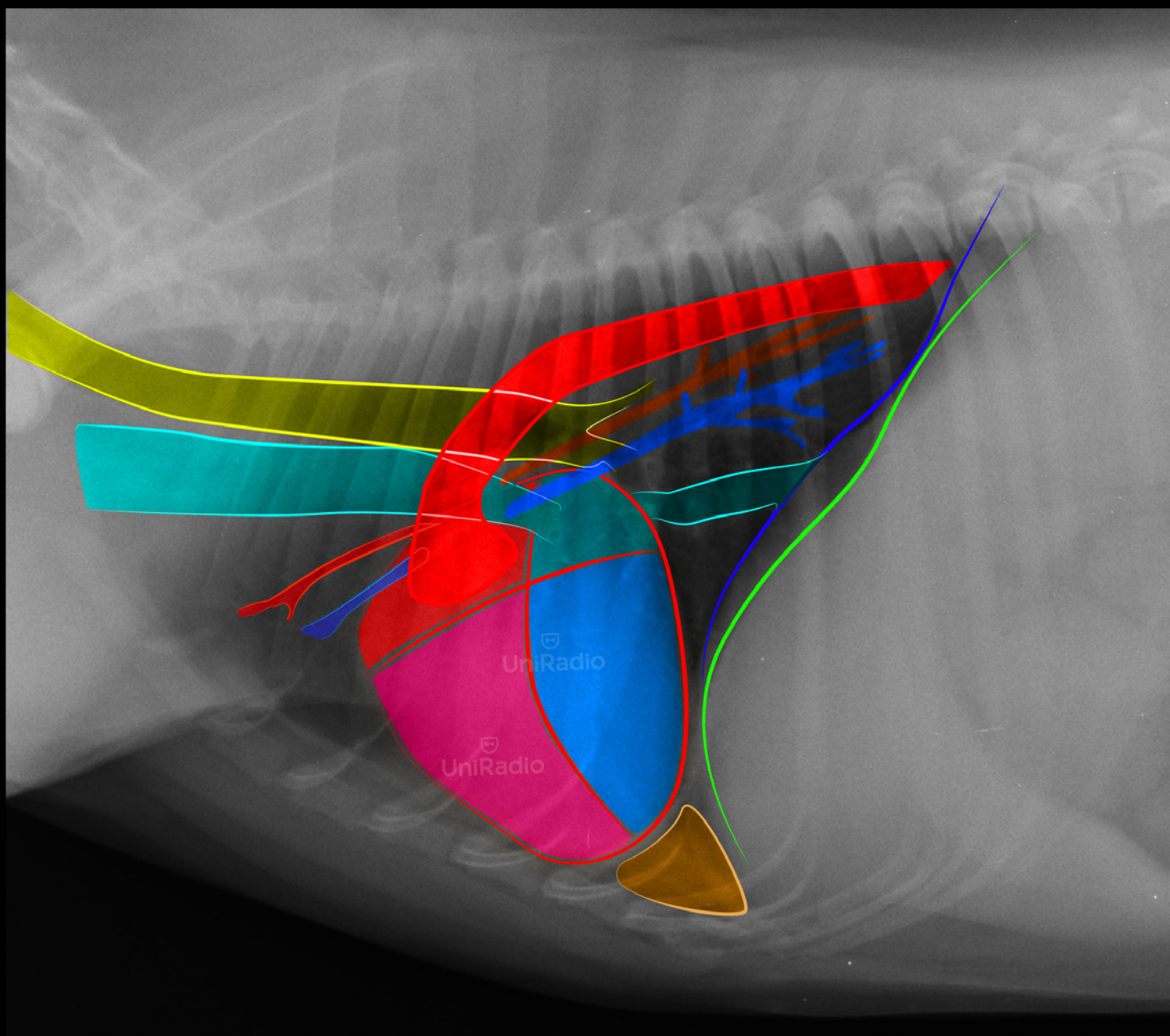
TÓRAX

Laterolateral



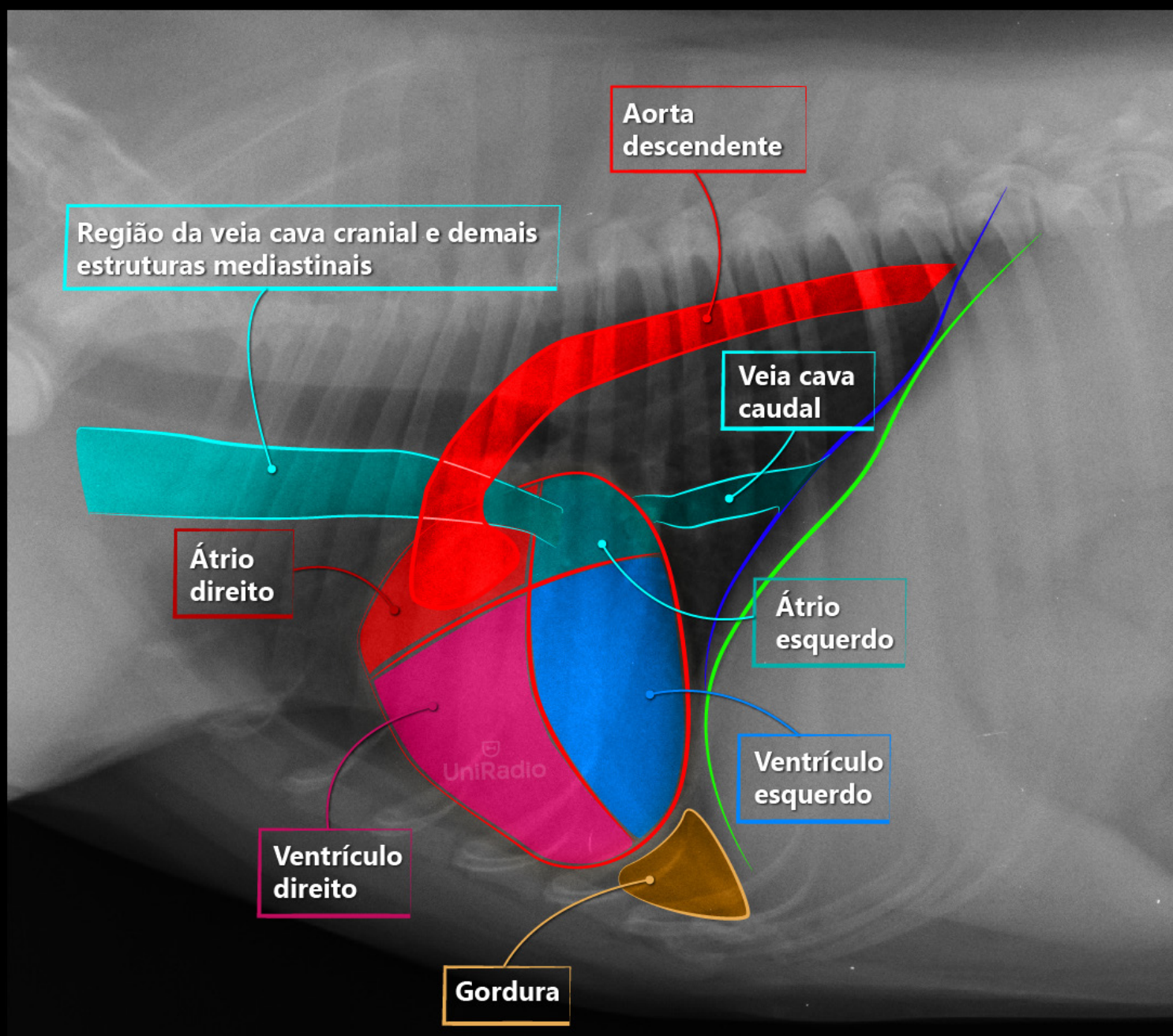
TÓRAX

Laterolateral



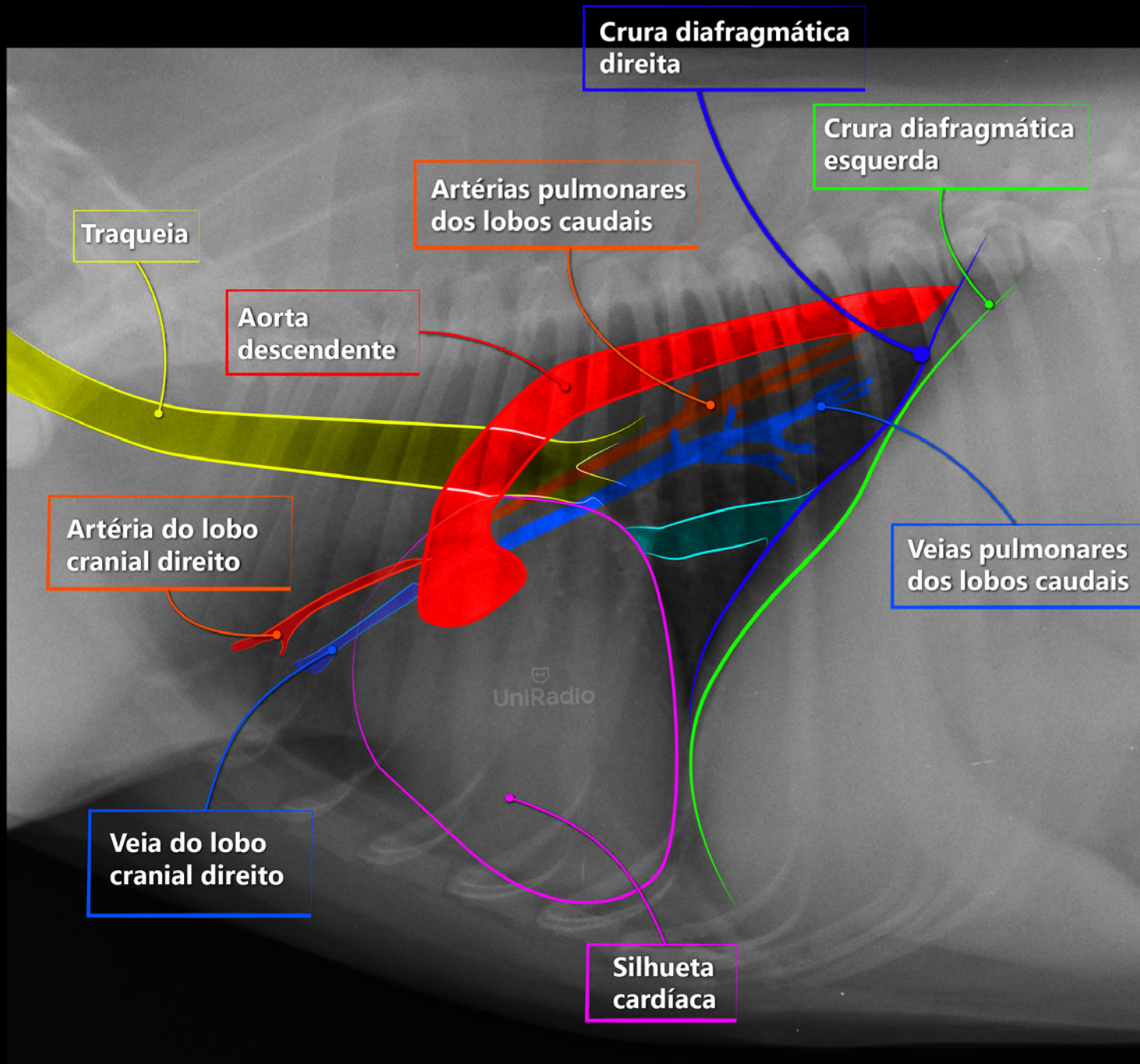
TÓRAX

Laterolateral



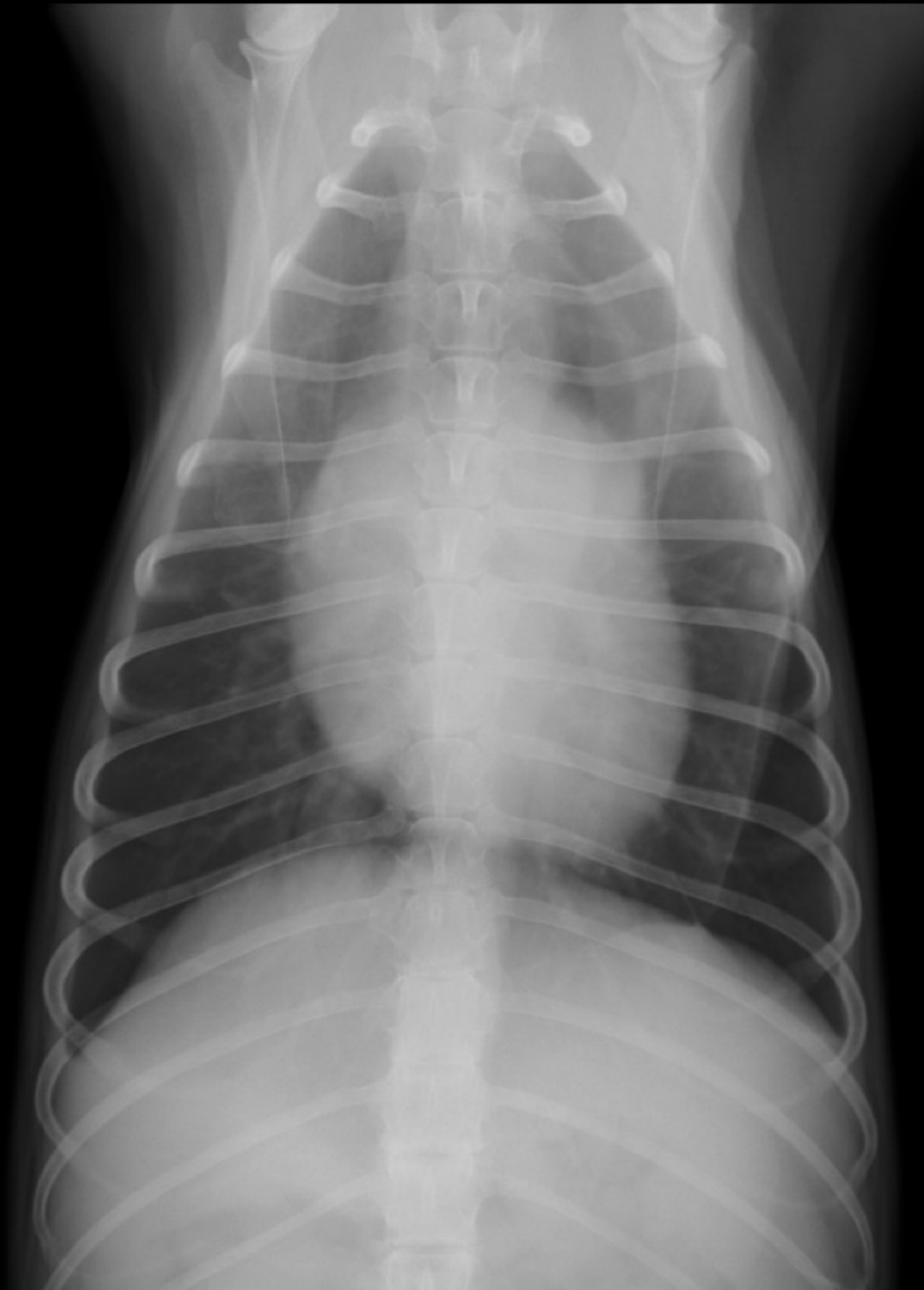
TÓRAX

Laterolateral



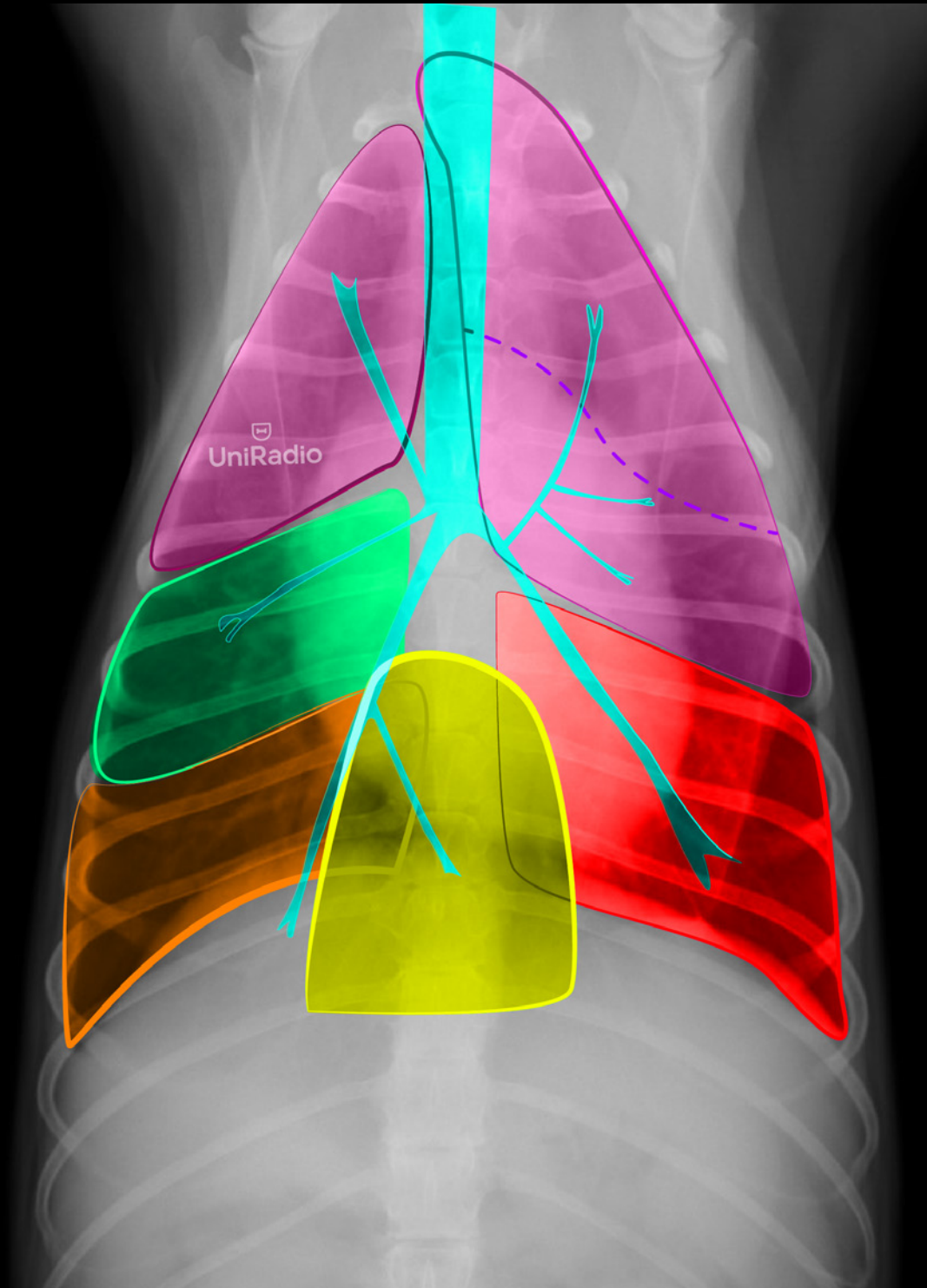
TÓRAX

Ventrodorsal



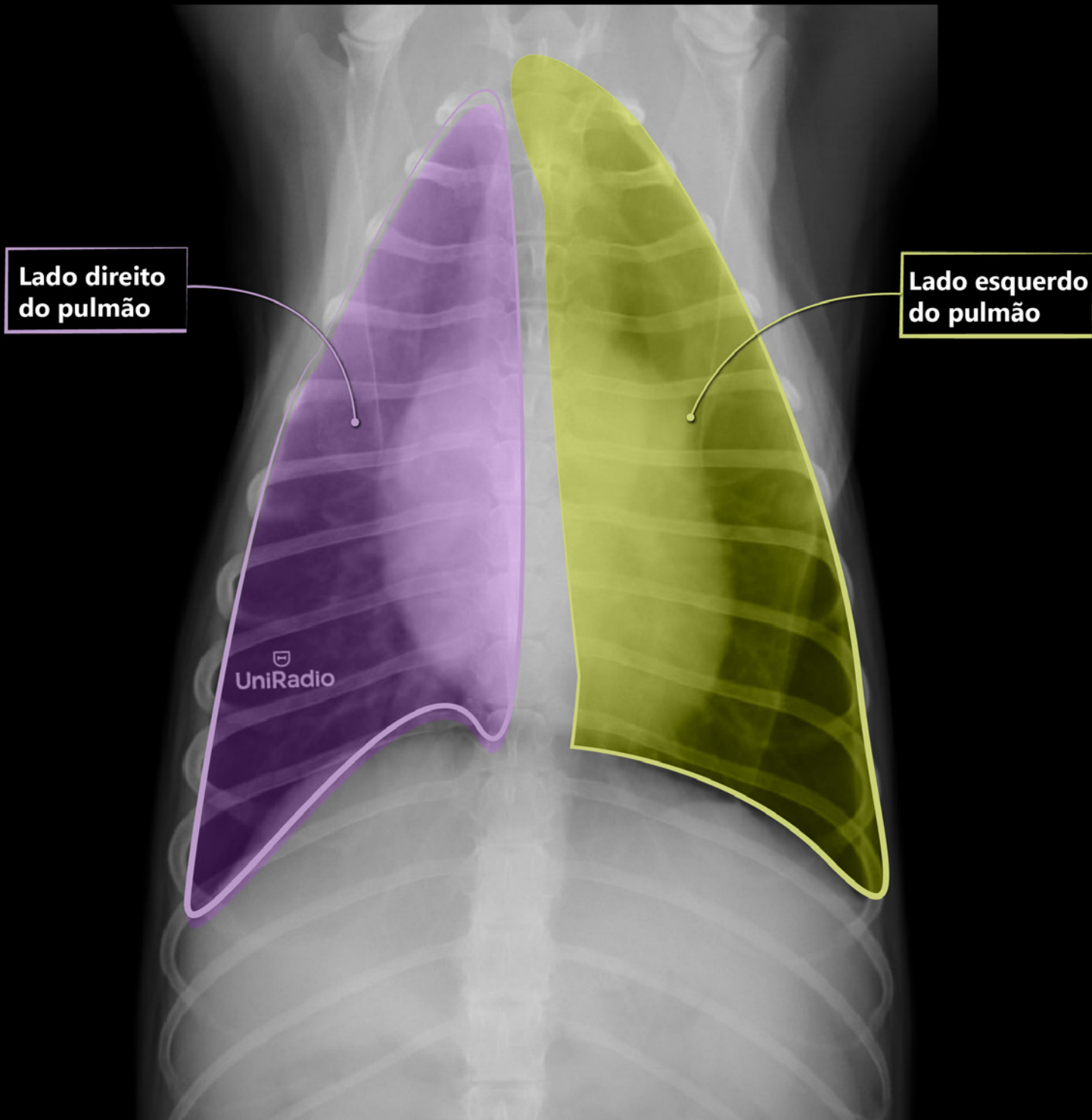
TÓRAX

Ventrodorsal



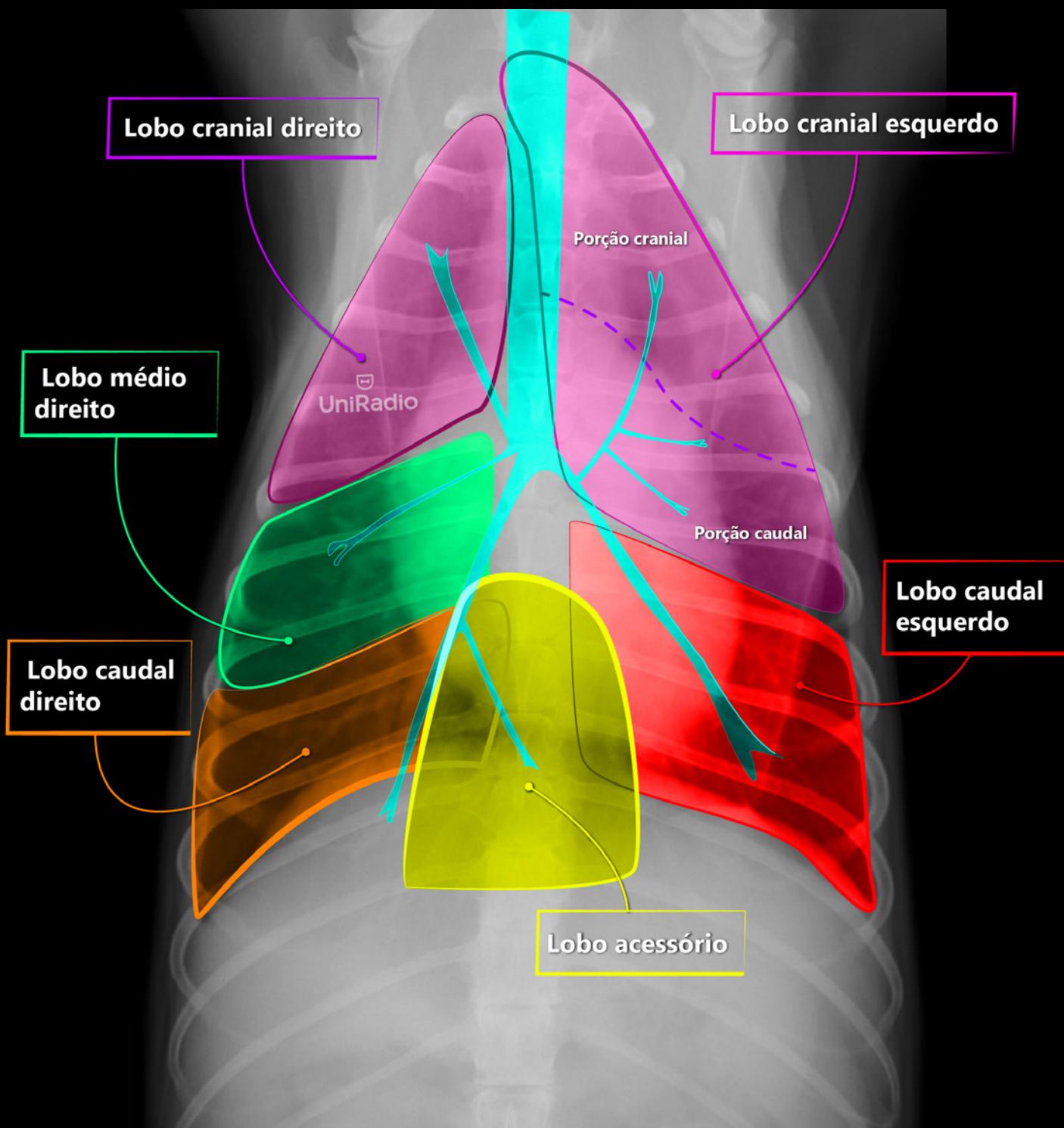
TÓRAX

Ventrodorsal



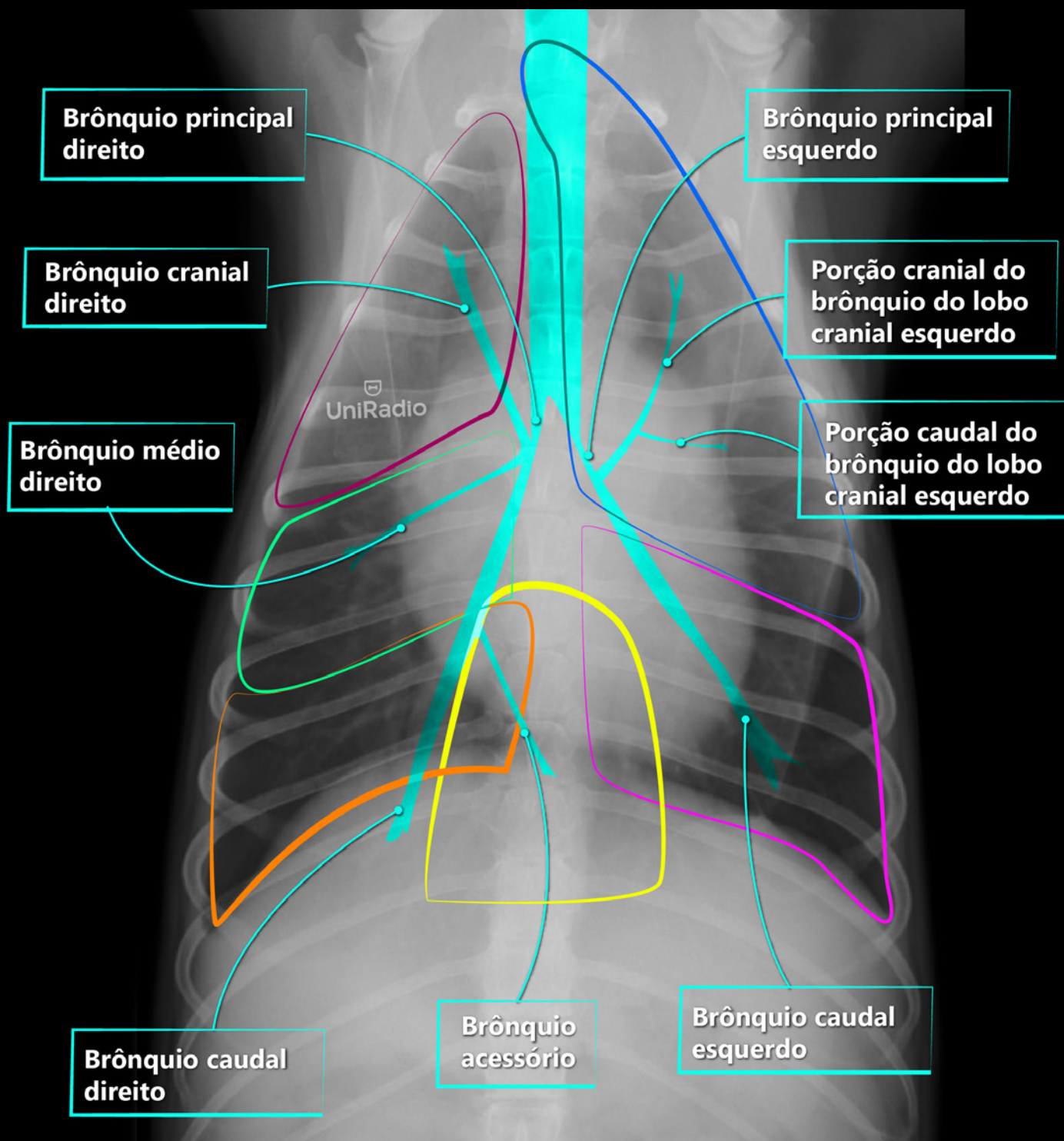
TÓRAX

Ventrodorsal



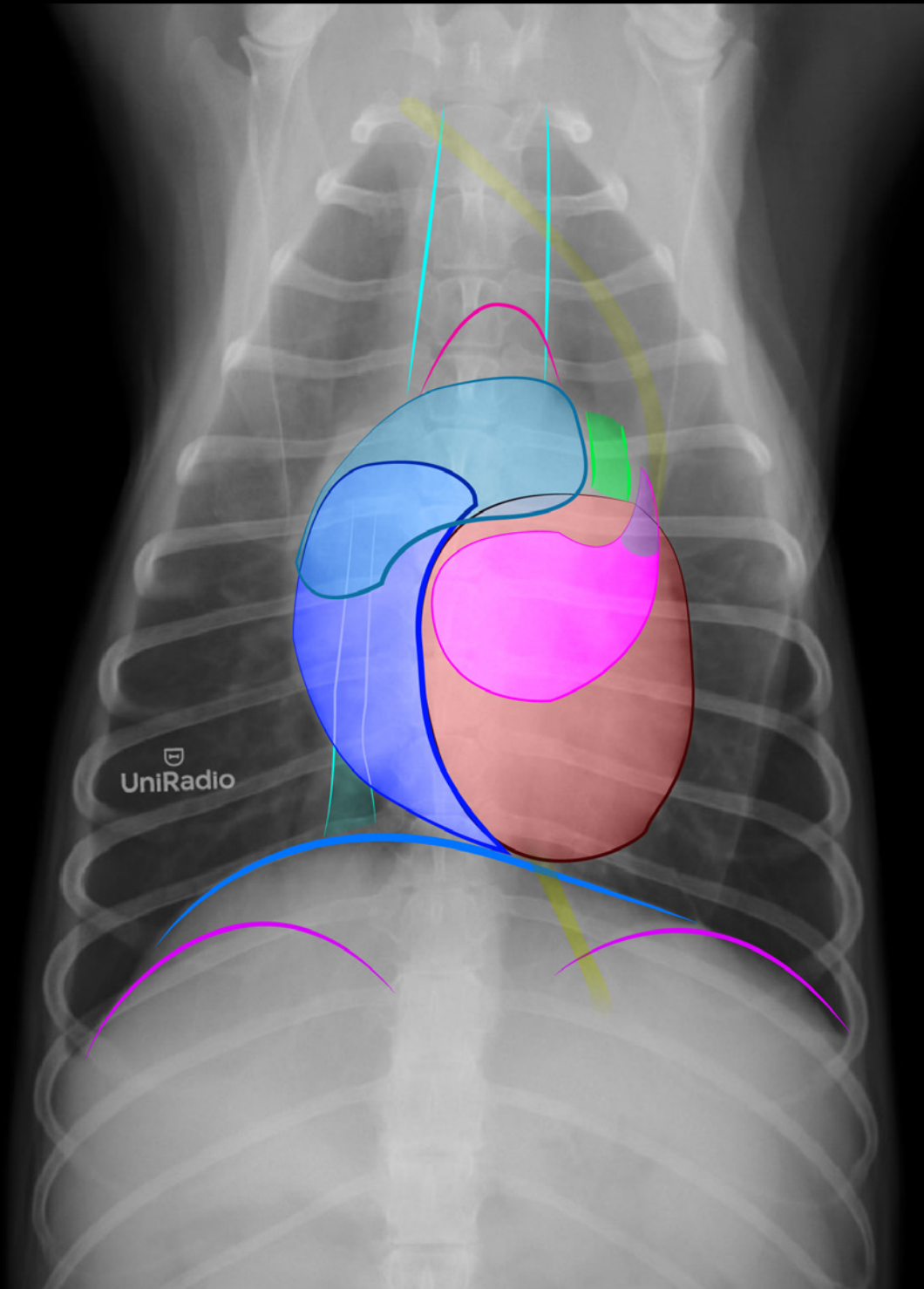
TÓRAX

Ventrodorsal



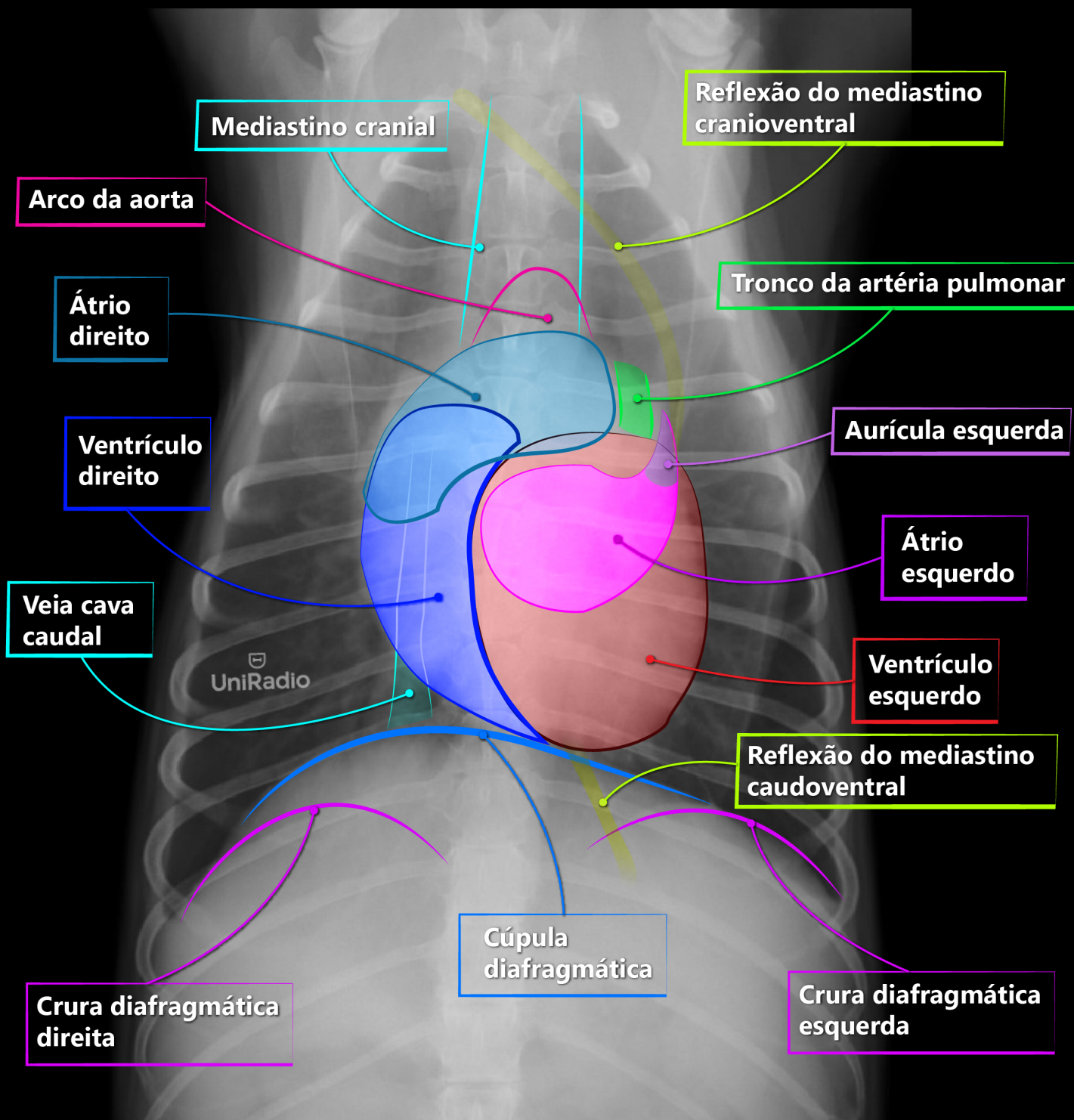
TÓRAX

Ventrodorsal



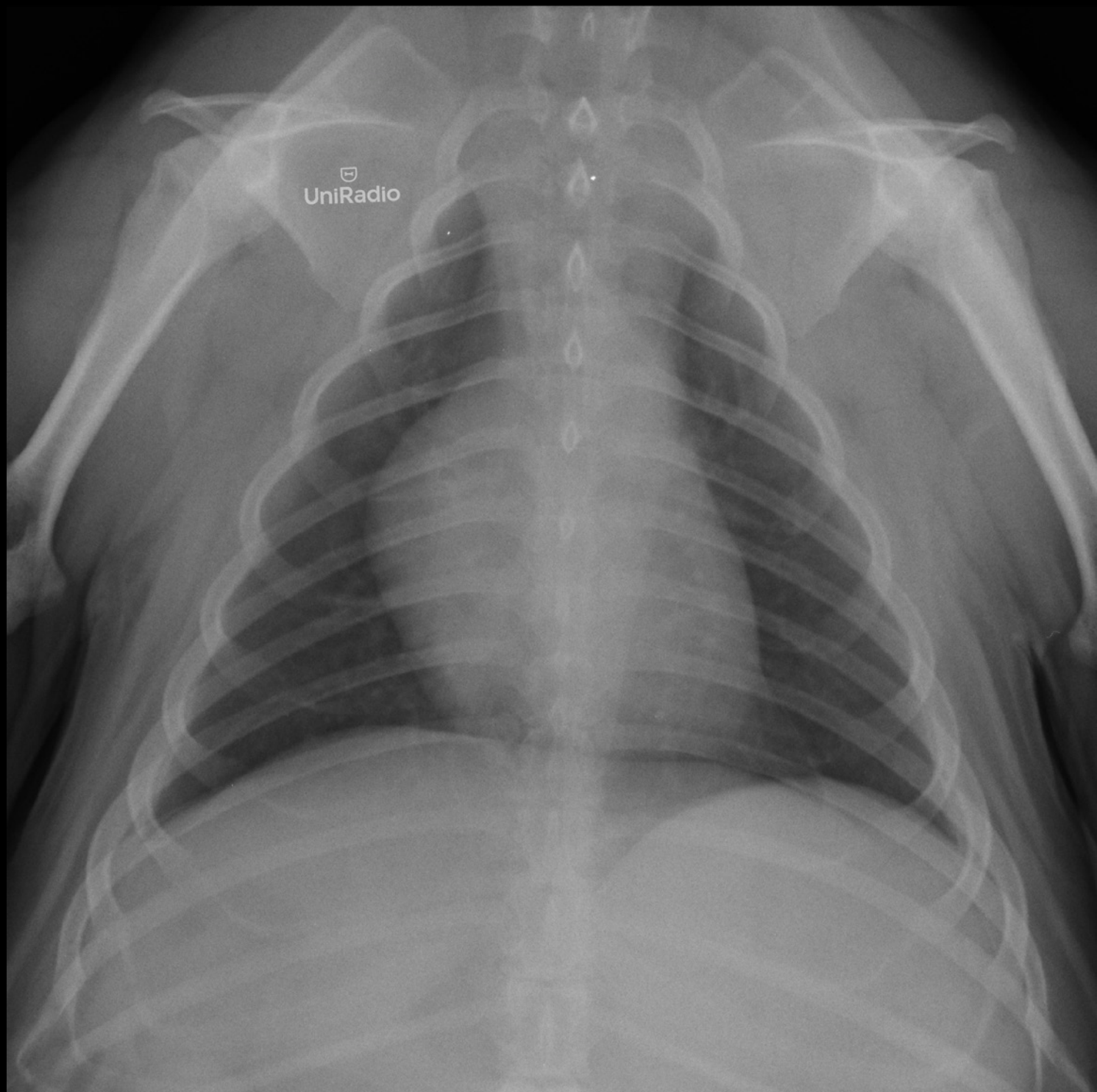
TÓRAX

Ventrodorsal



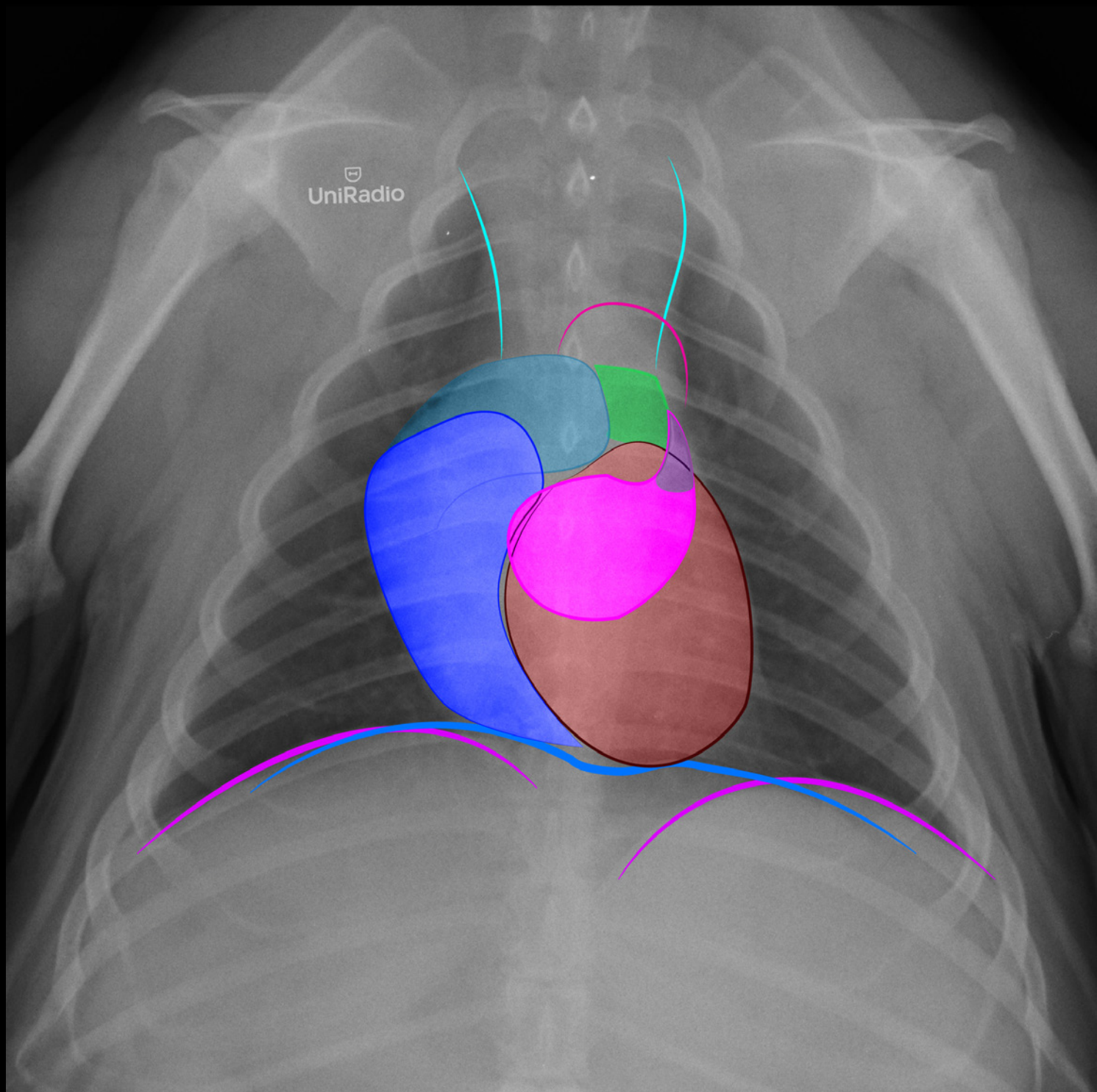
TÓRAX

Ventrodorsal humanoide



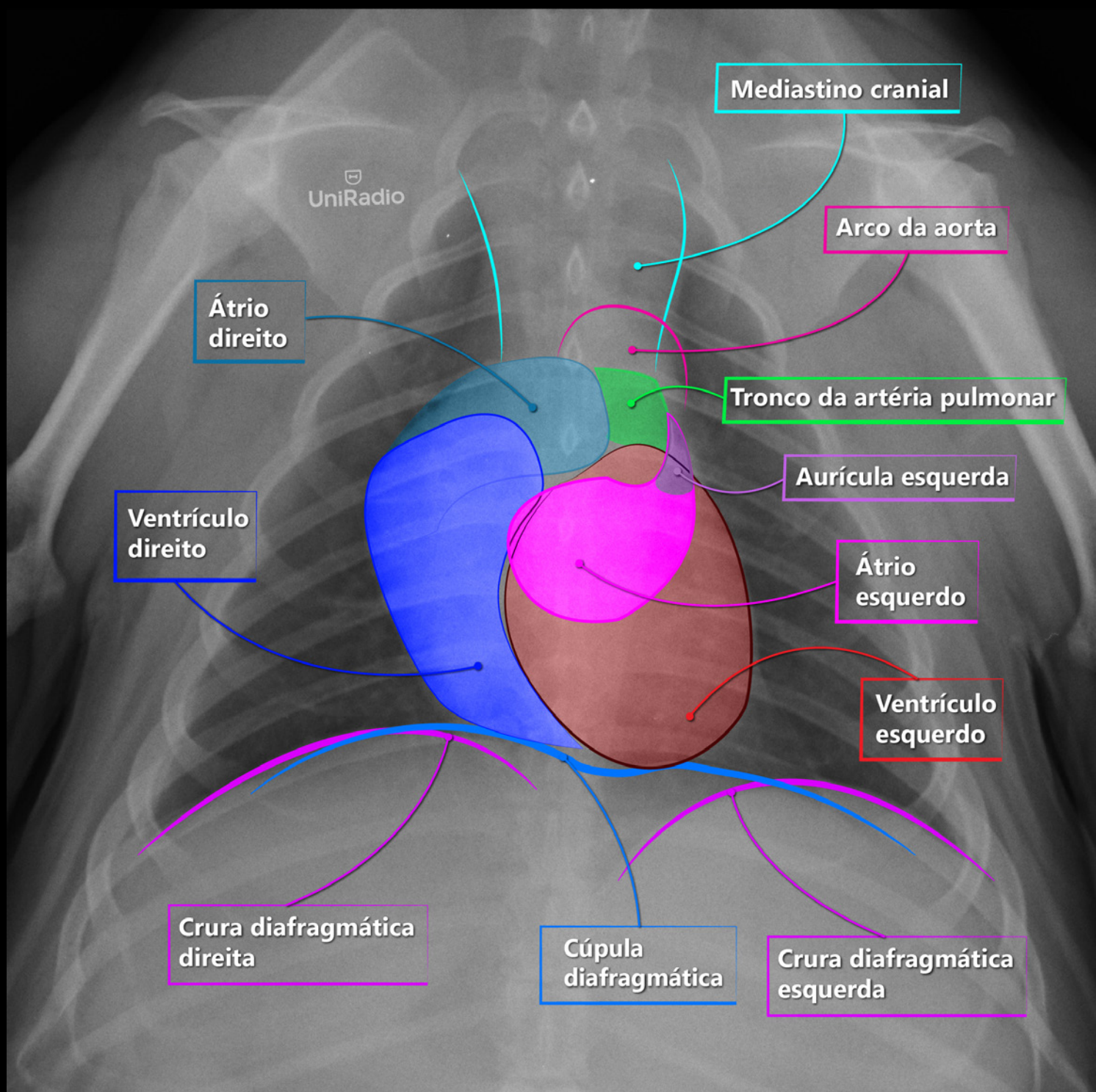
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Ventrodorsal humanoide



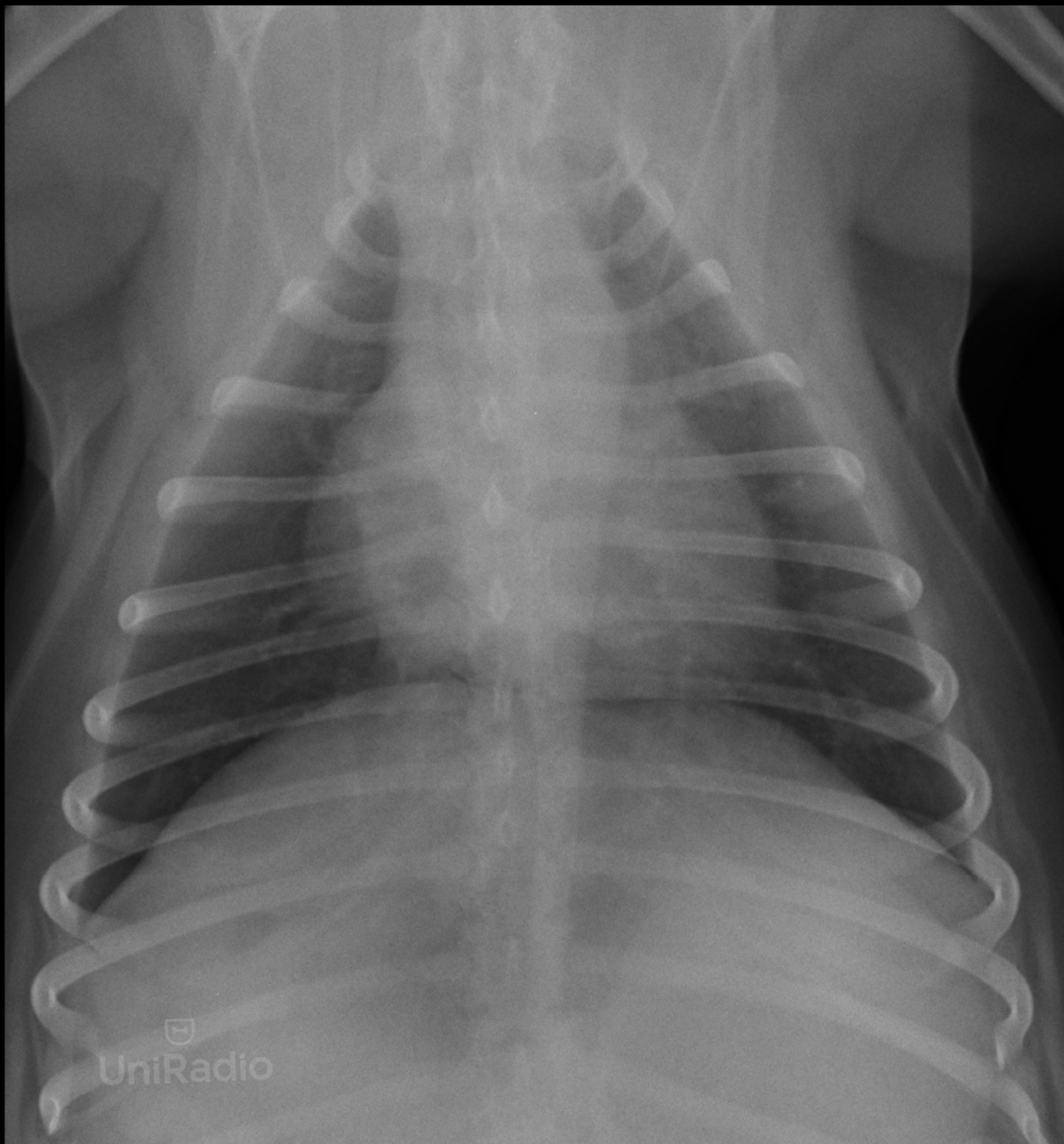
TÓRAX

Ventrodorsal humanoide



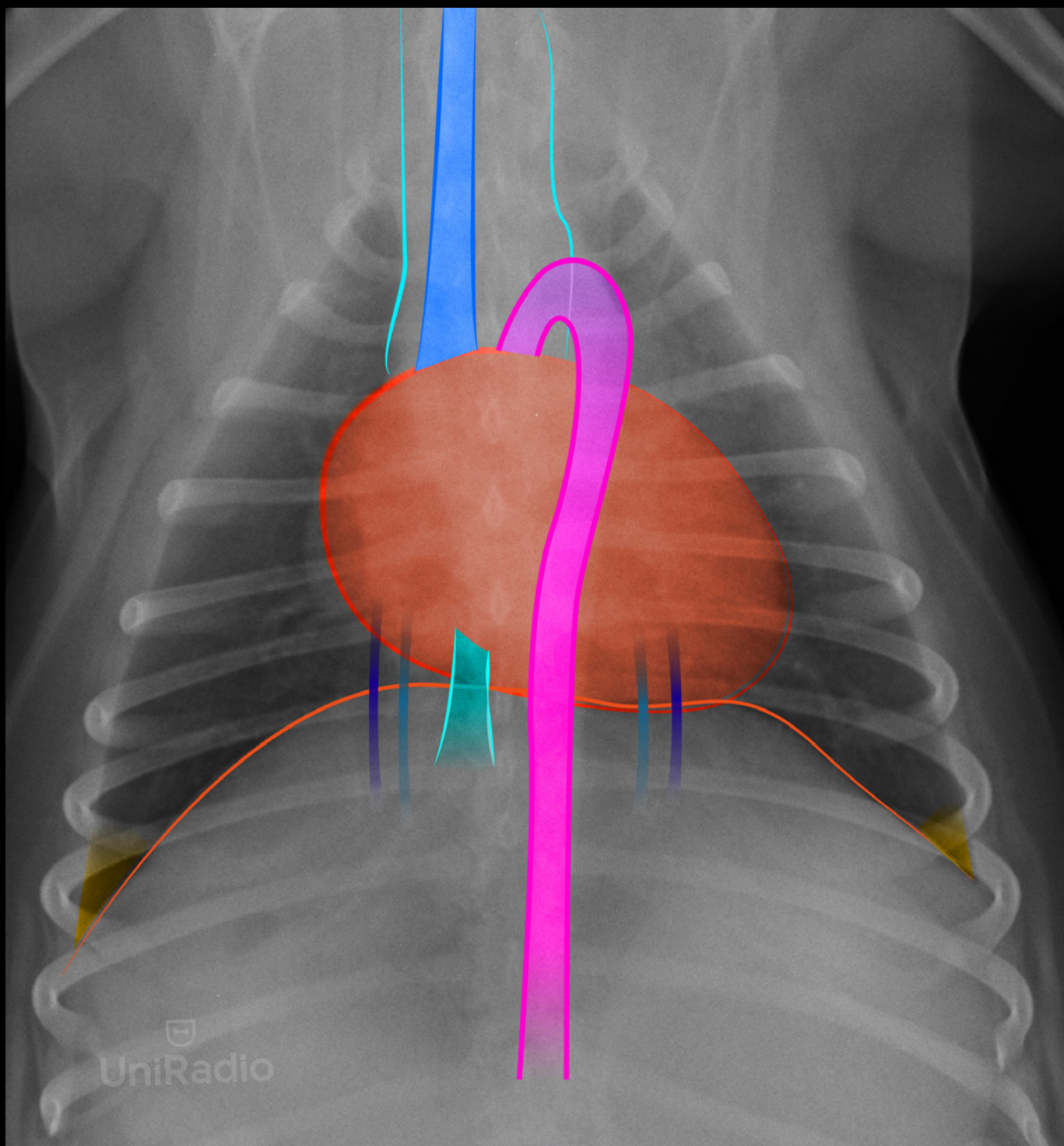
TÓRAX

Dorsoventral



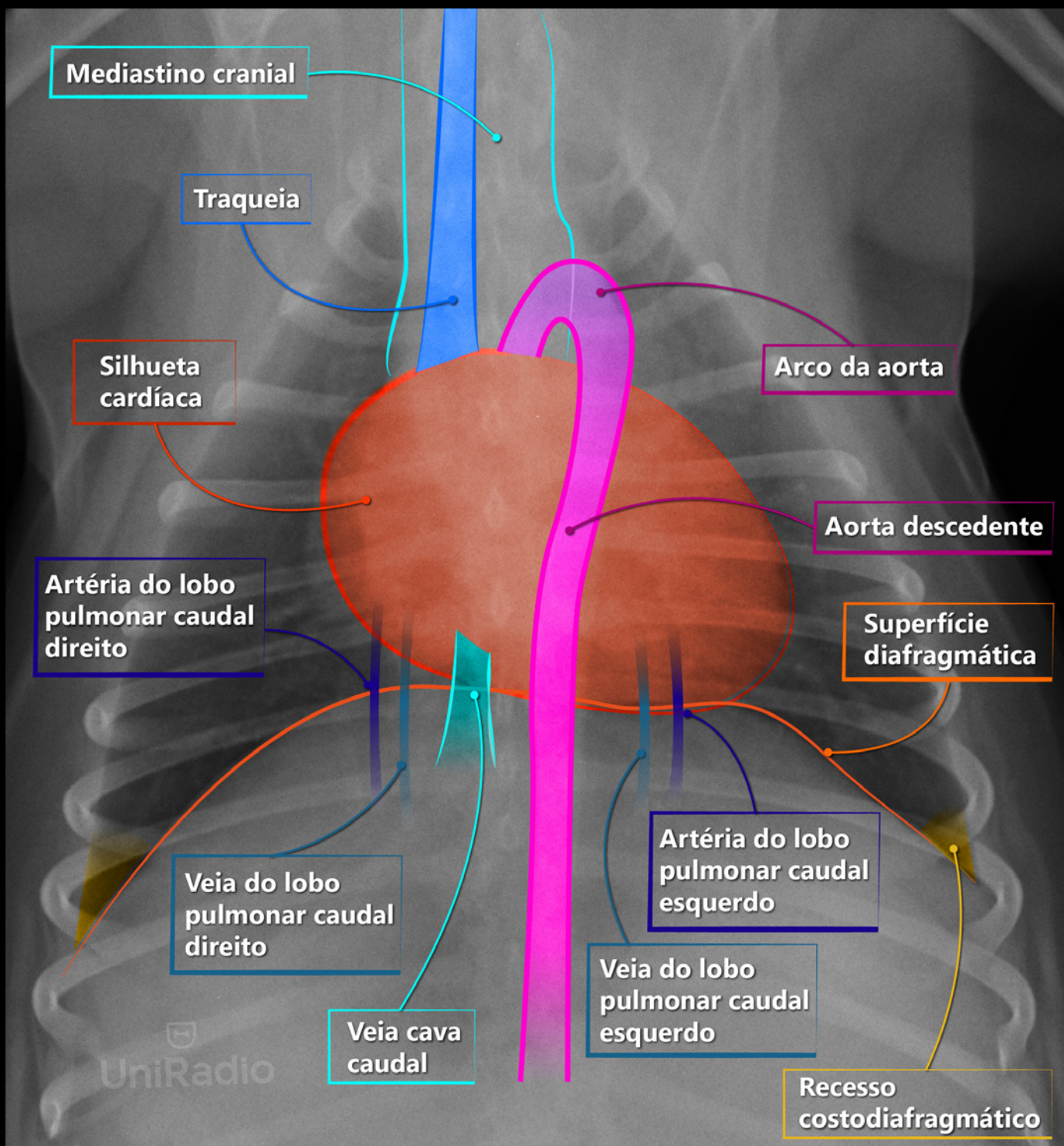
TÓRAX

Dorsoventral



TÓRAX

Dorsoventral



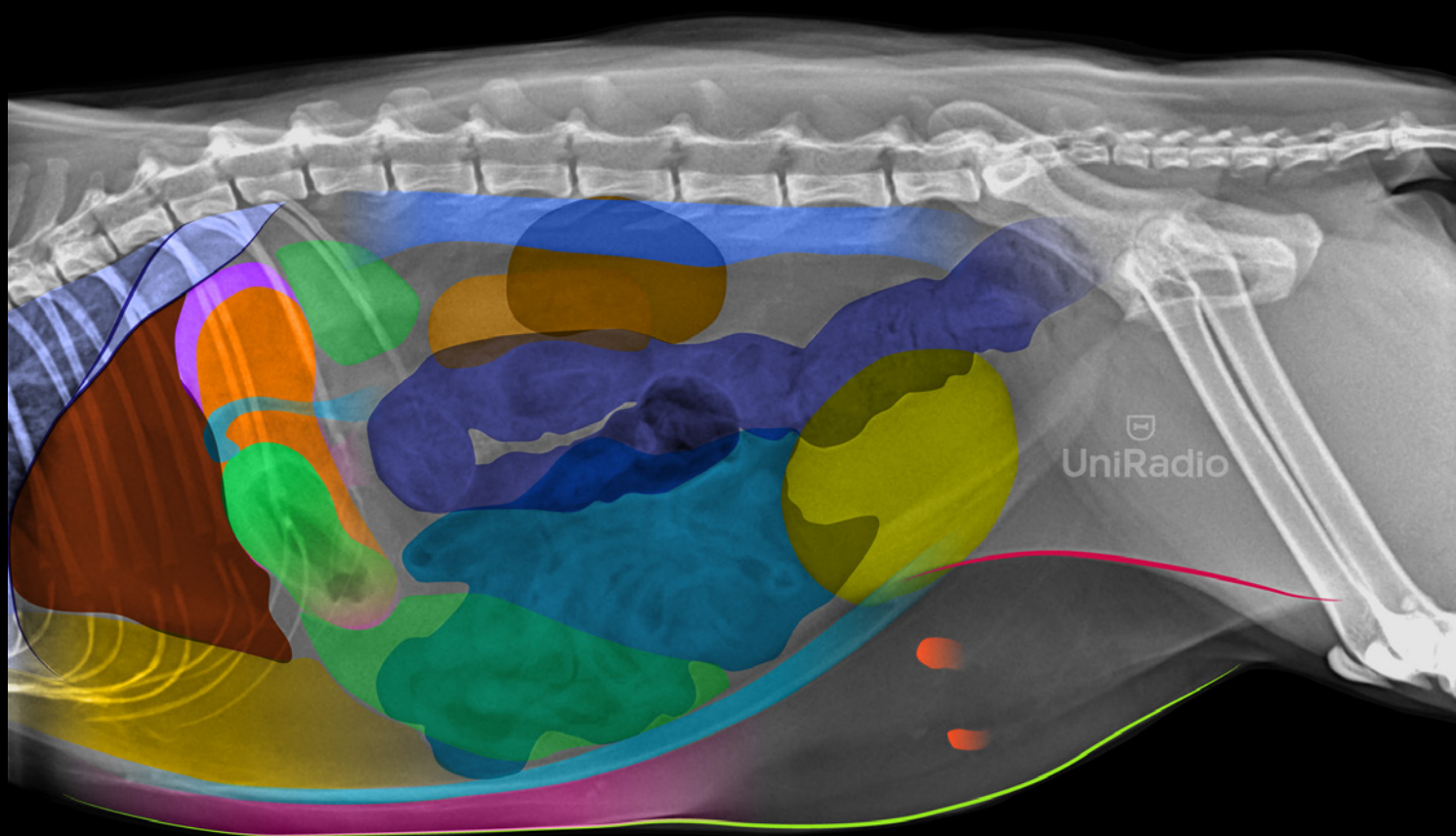
ABDOME

Laterolateral



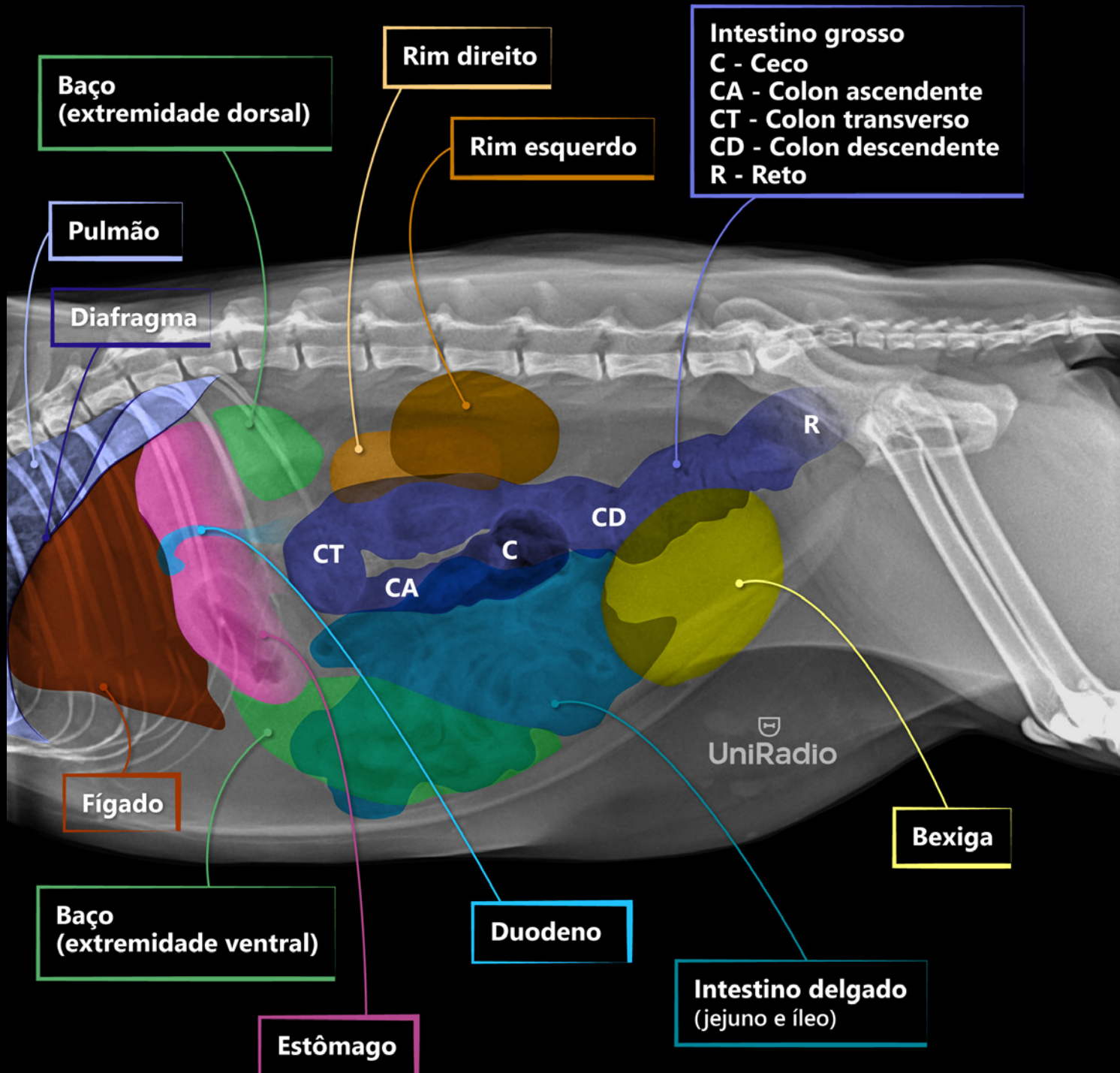
ABDOME

Laterolateral



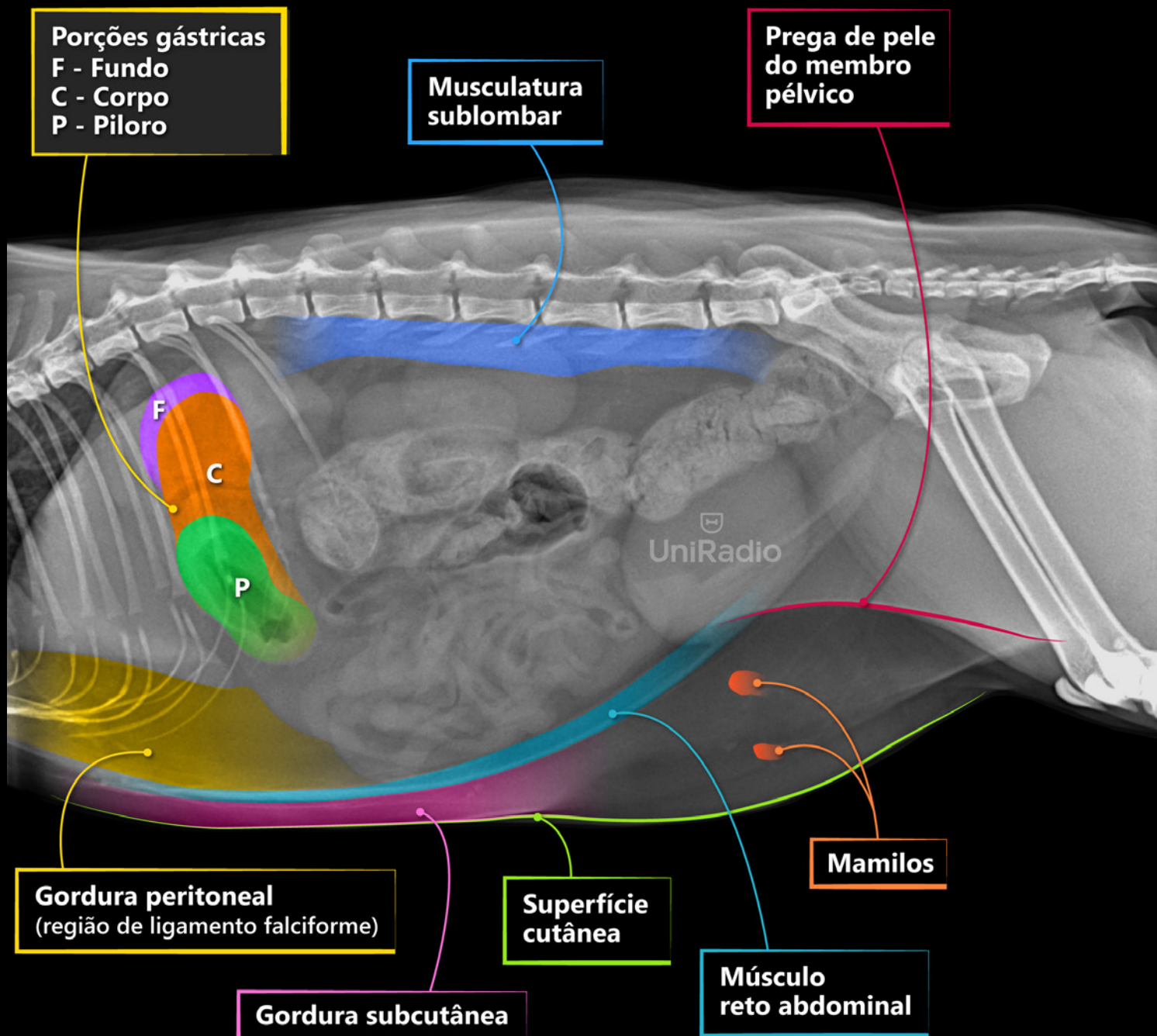
ABDOME

Laterolateral



ABDOME

Laterolateral



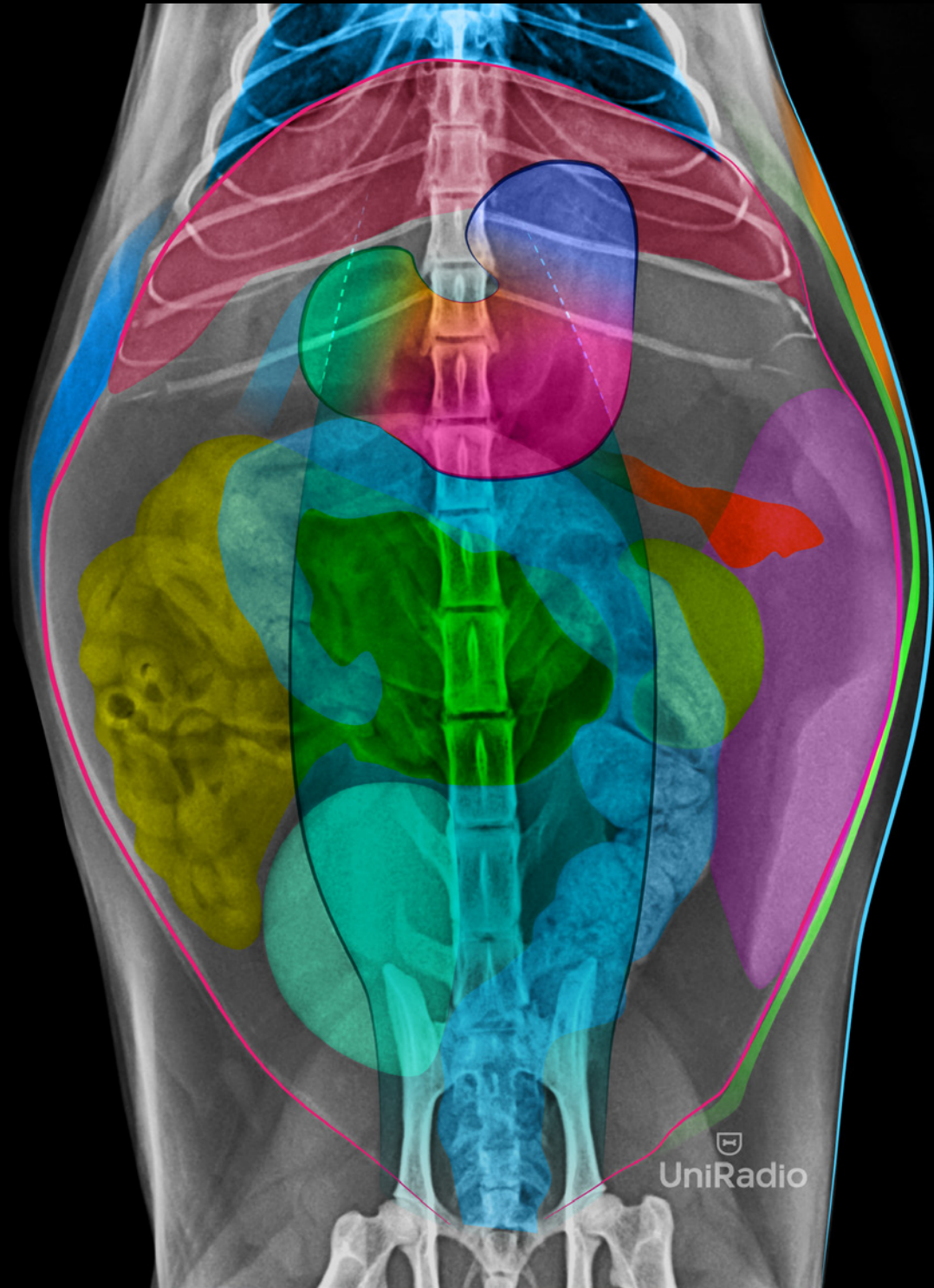
ABDOME

Ventrodorsal



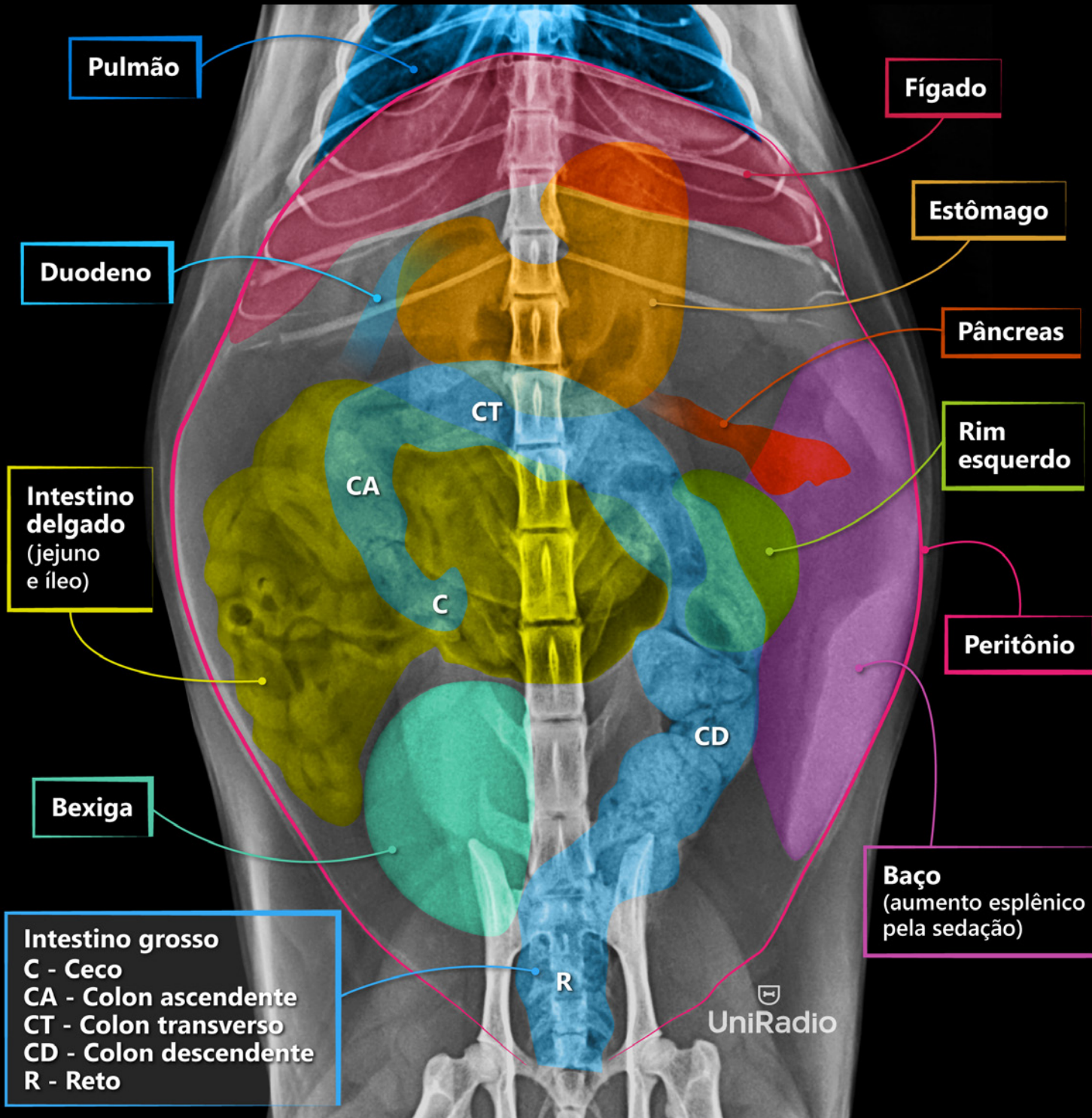
ABDOME

Ventrodorsal



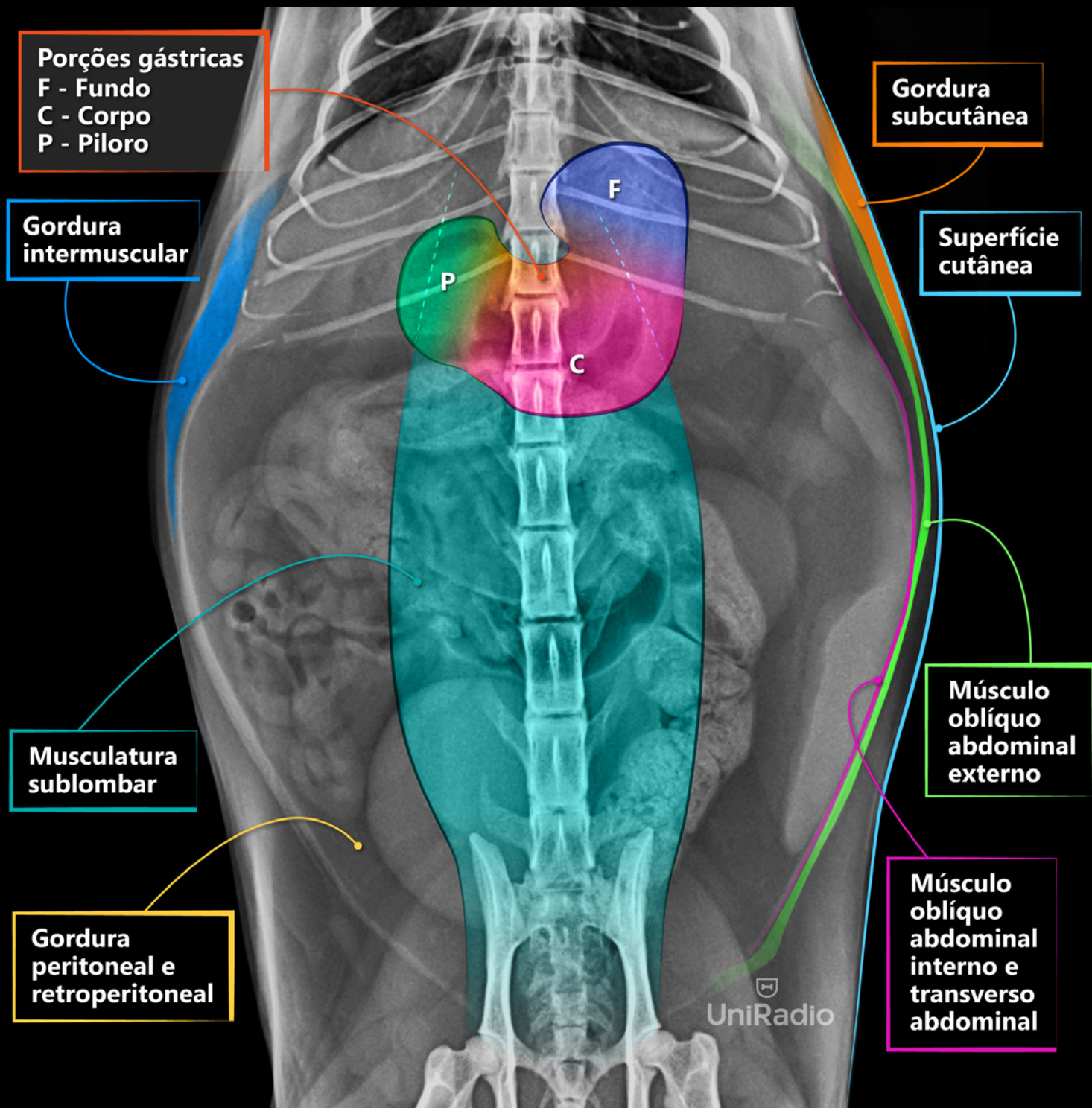
ABDOME

Ventrodorsal



ABDOME

Ventrodorsal



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