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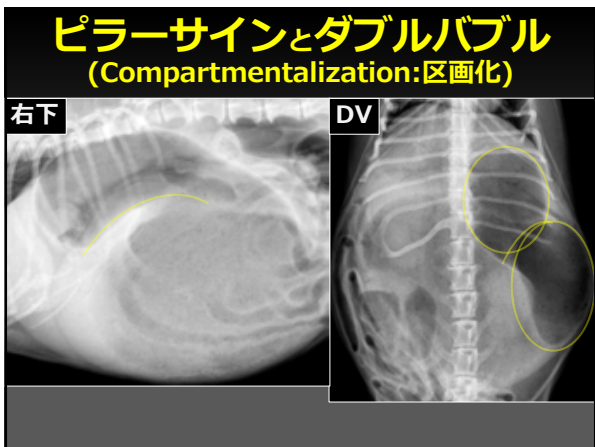
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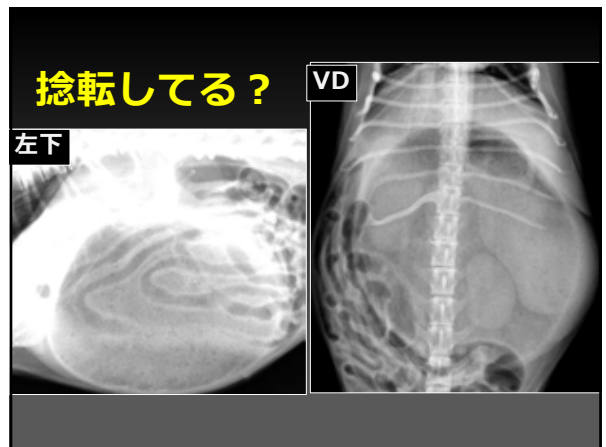
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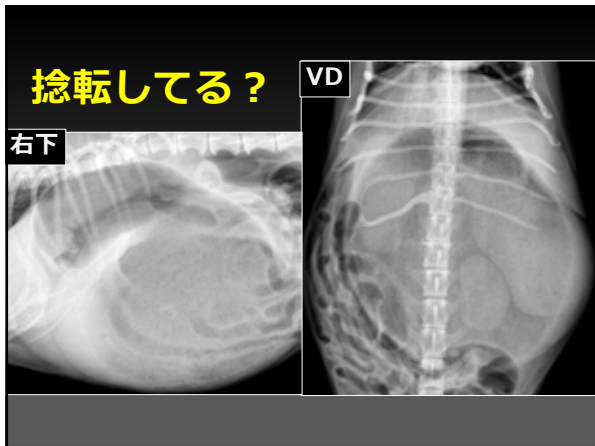
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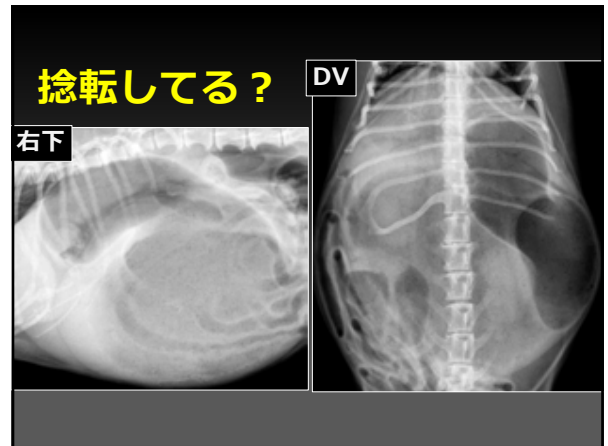
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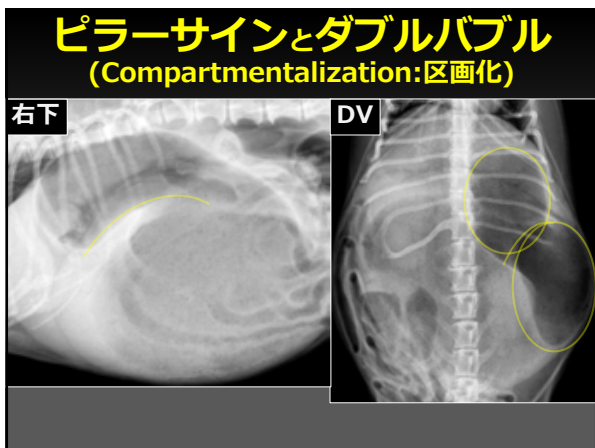
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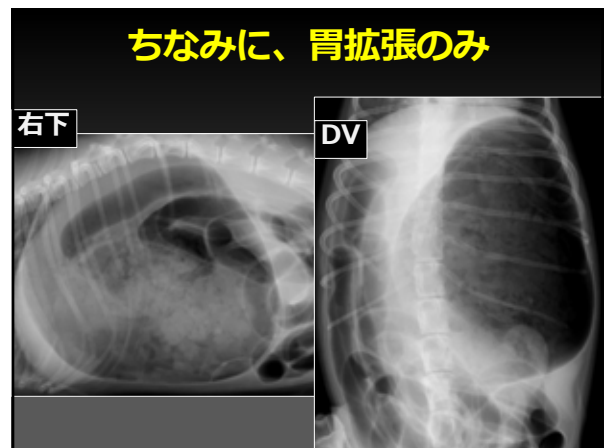
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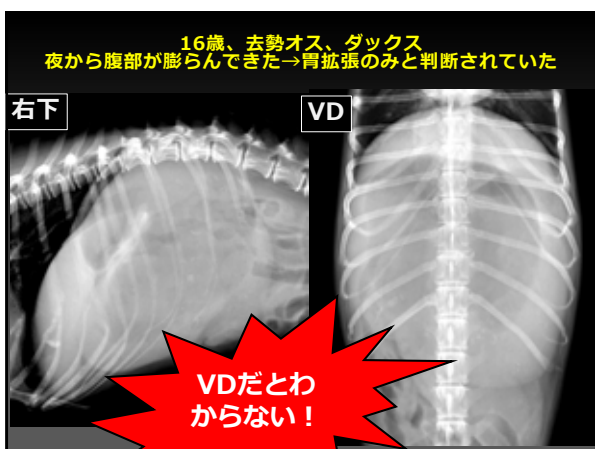
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9



10



11



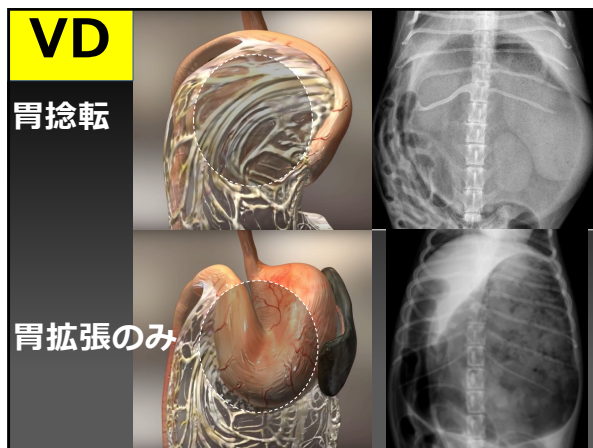
12

何を診ている？
幽門洞
左側へ変位
可視化

13

撮影の極意！
幽門洞に
ガスを
入れる

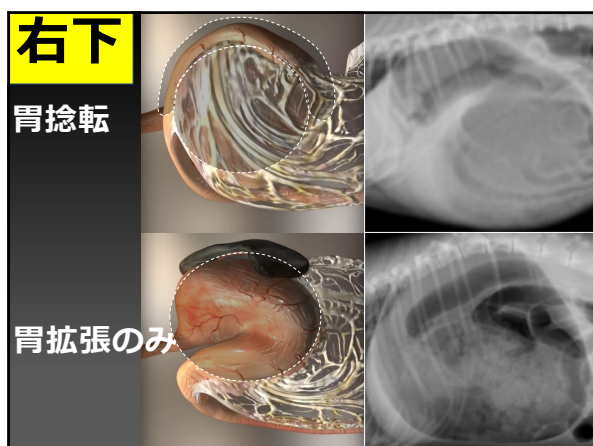
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16

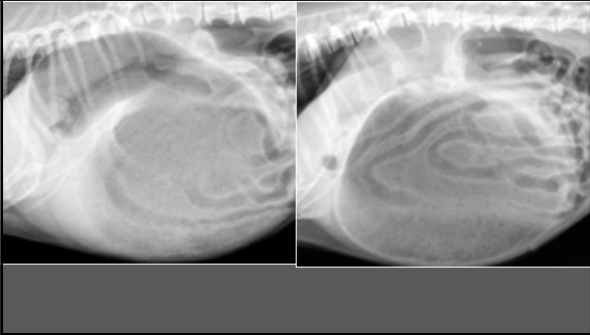


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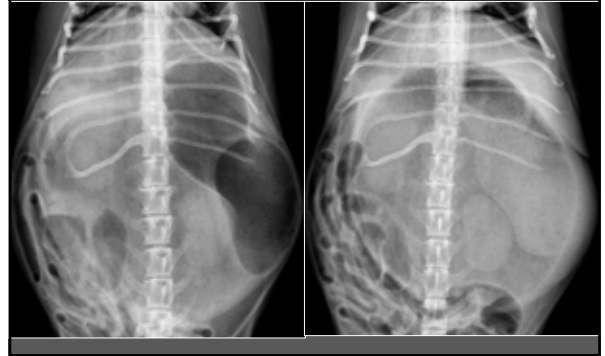
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胃捻転：右下 vs. 左下



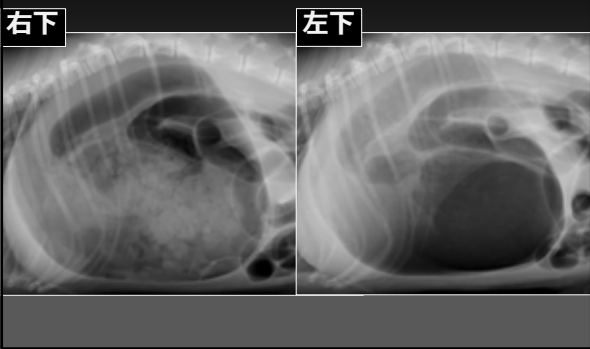
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胃捻転：DV vs. VD



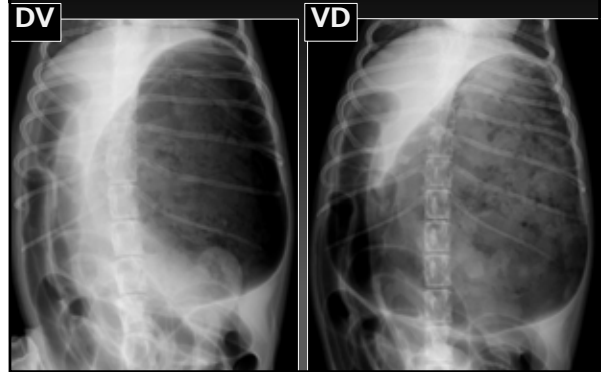
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胃拡張のみ：右下 vs. 左下



21

胃拡張のみ：DV vs. VD



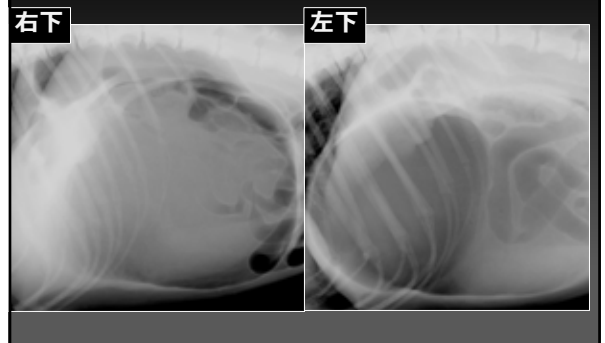
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理解するより慣れる！

ピラー バブル

23

12Y MC Gold
お腹が張ってきて苦しそう



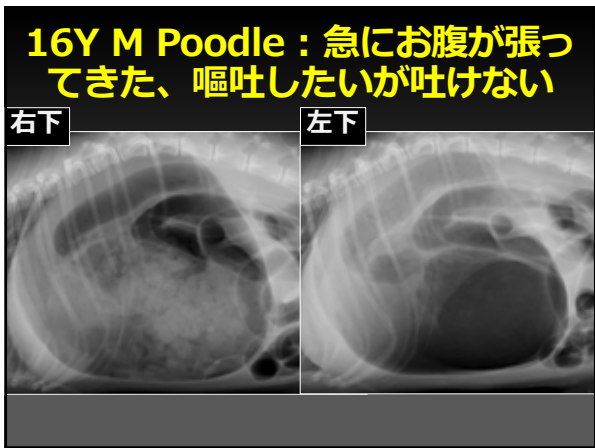
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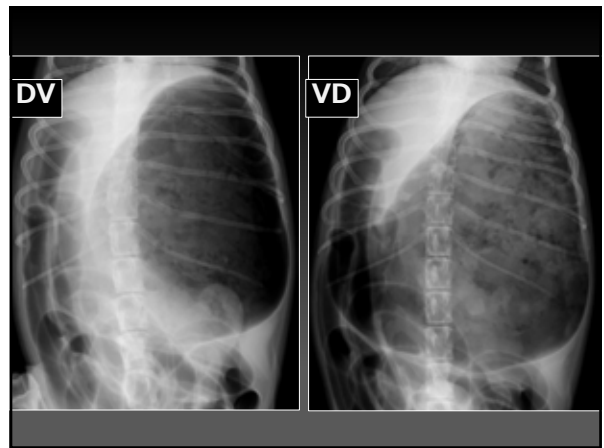
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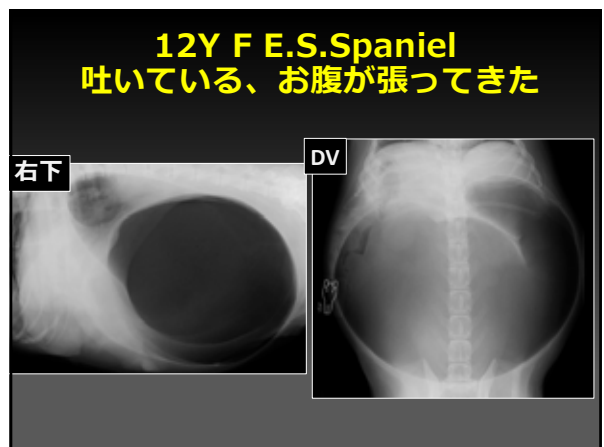
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28



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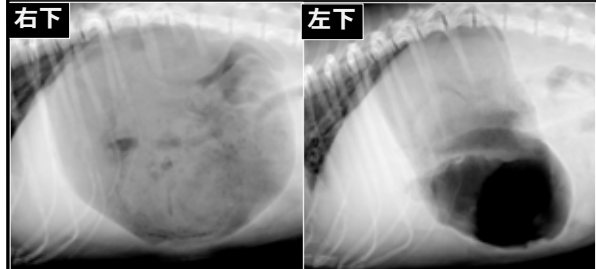


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捻転してる

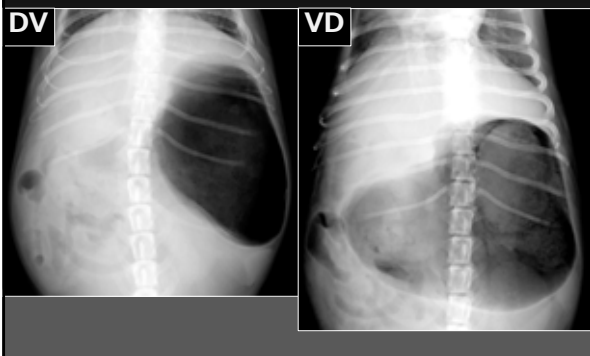
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11Y M Shihz : 腹部膨満、虚脱



32

11Y M Shihz : 腹部膨満、虚脱

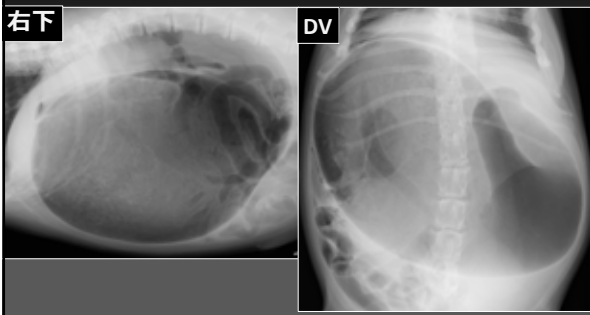


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してない

34

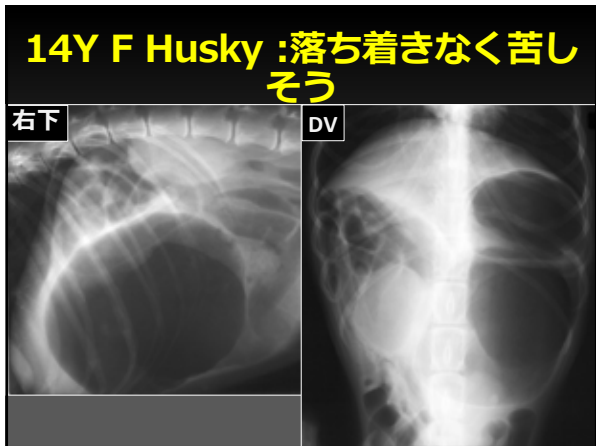
13Y MC W.Corg : お腹が張ってきた、えずいている



35

捻転してる

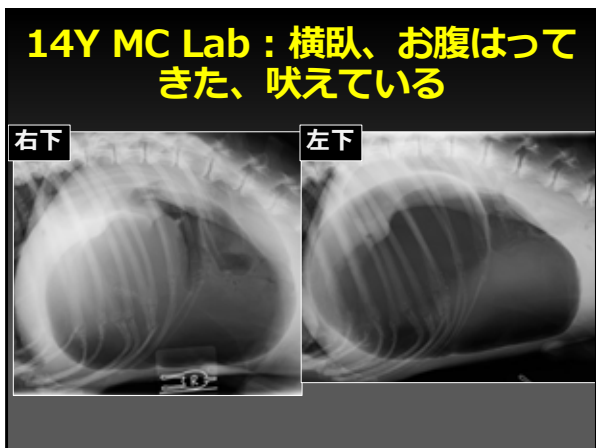
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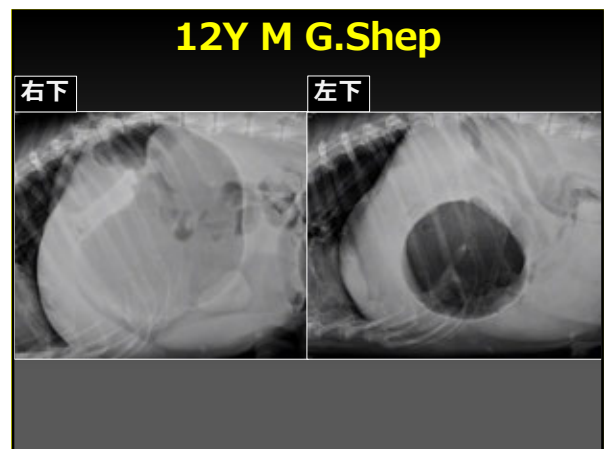
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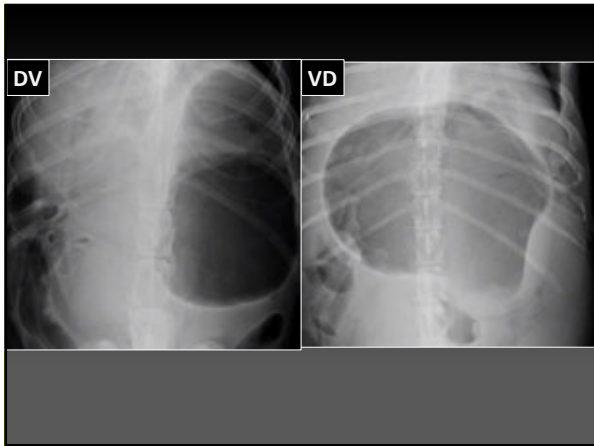
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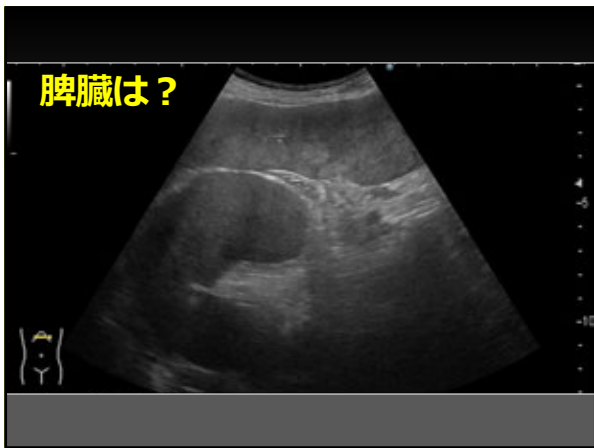
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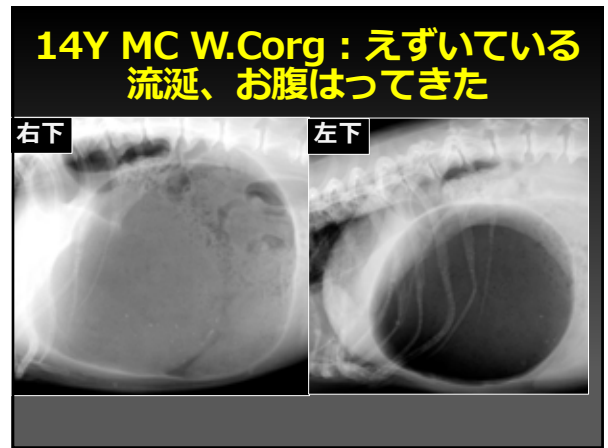
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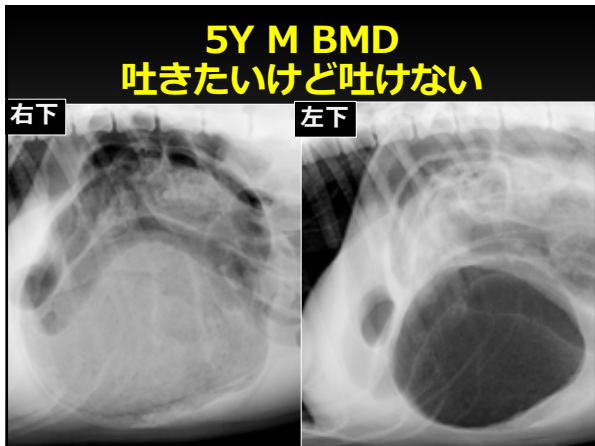
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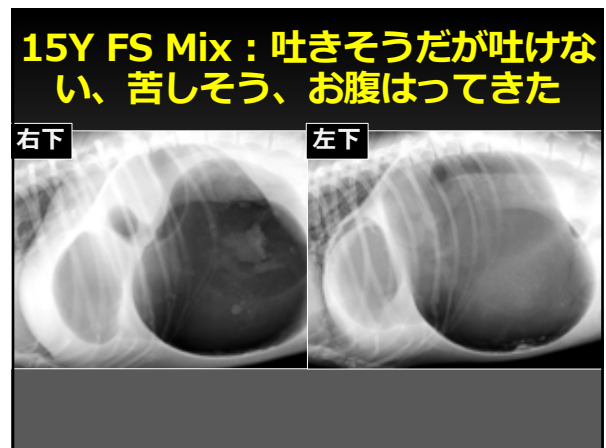
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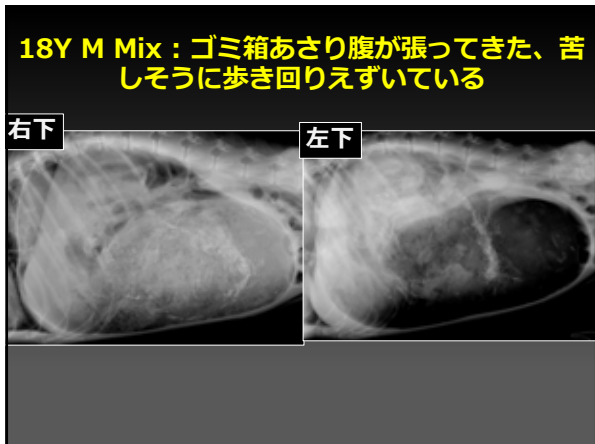
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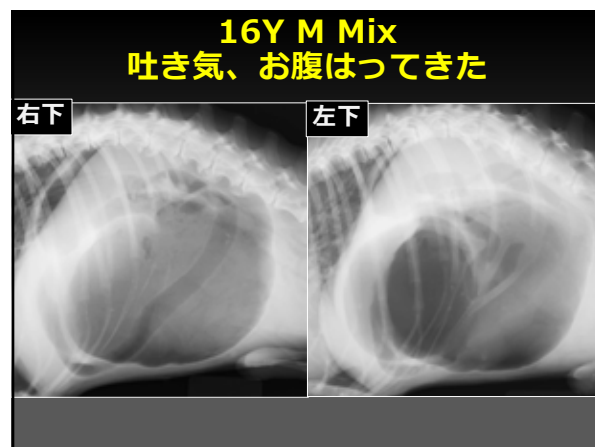
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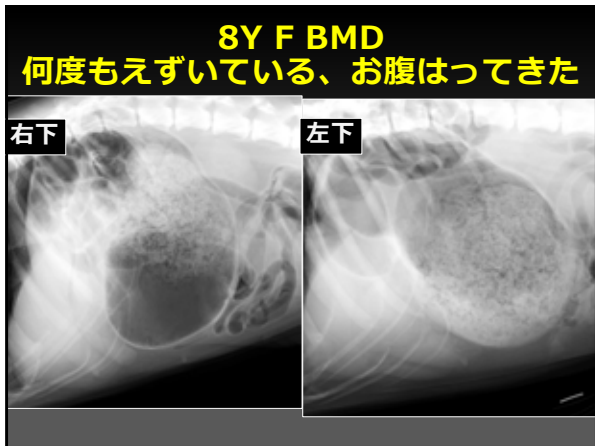
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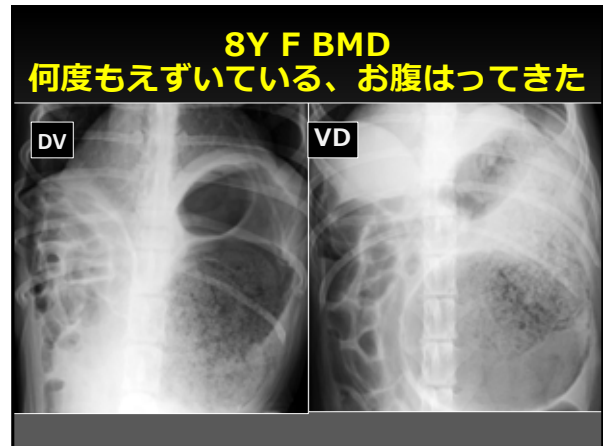
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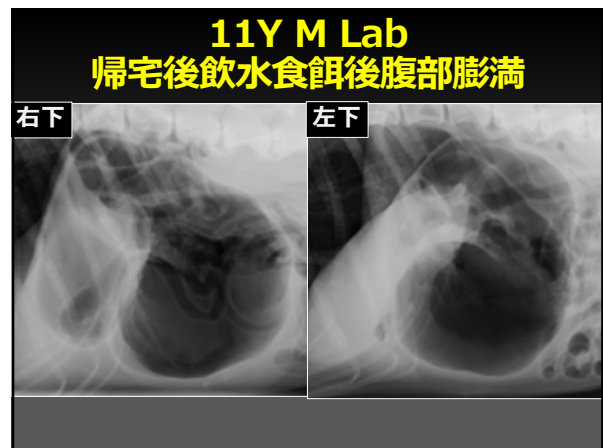
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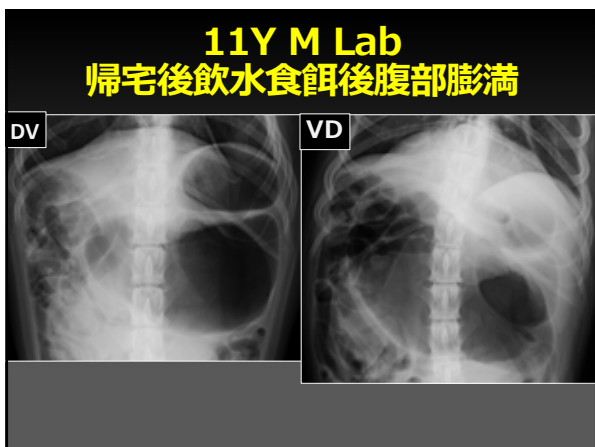
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63



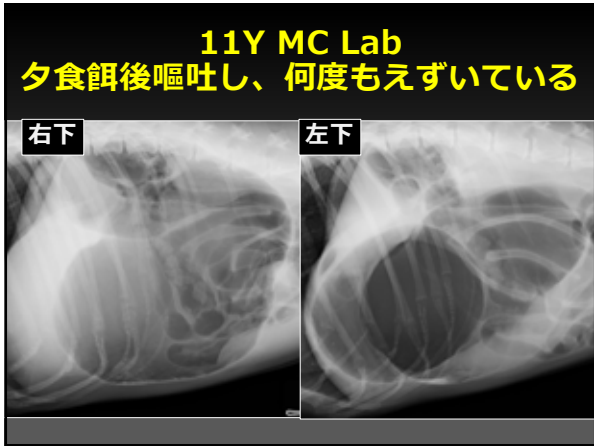
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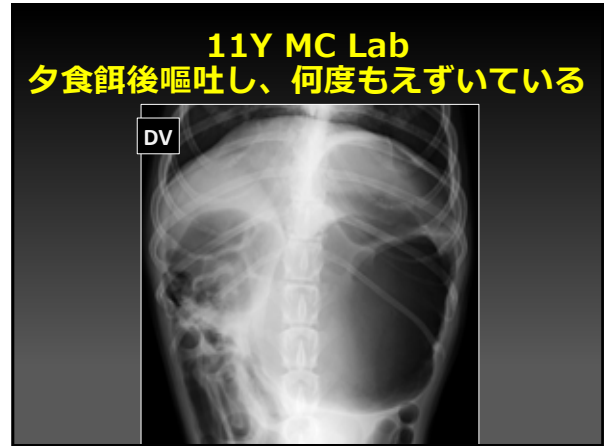
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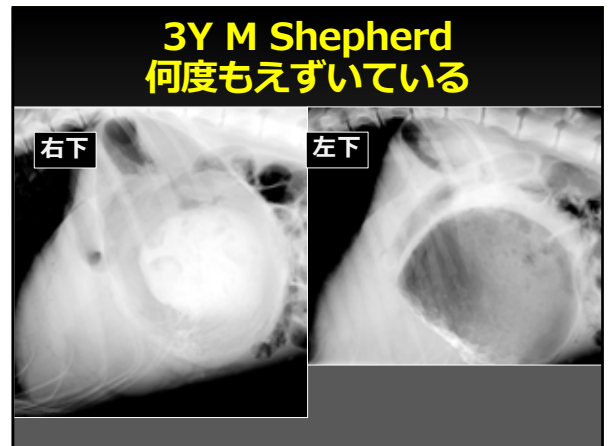
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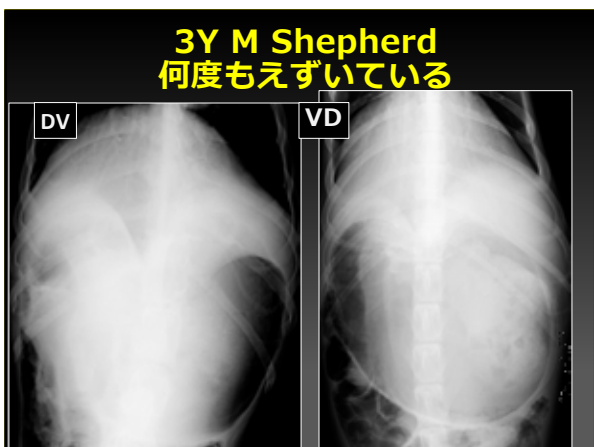
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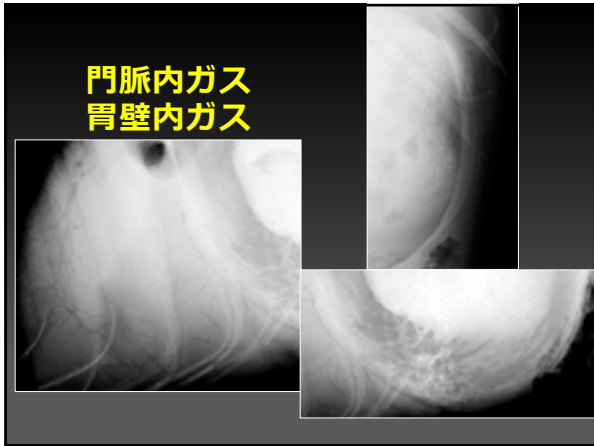
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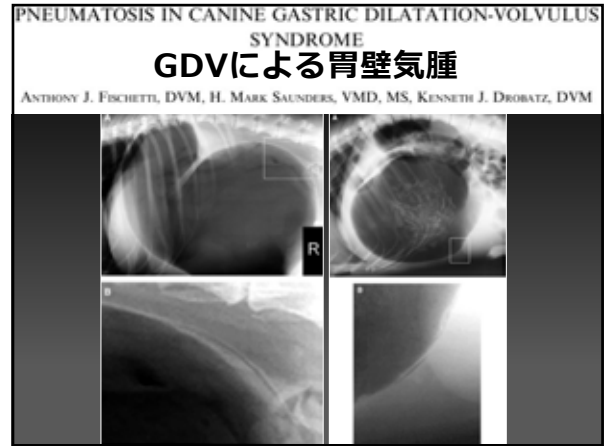
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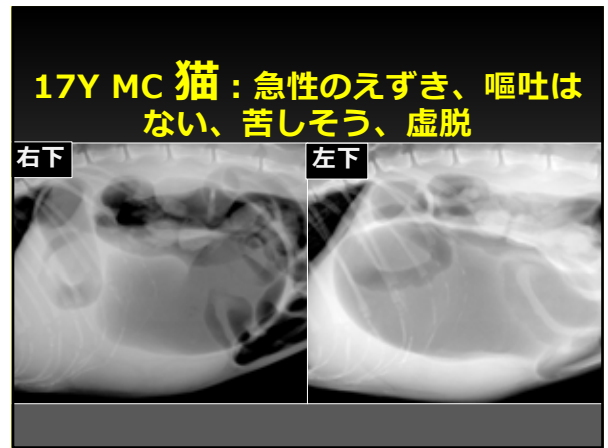
74

PNEUMATOSIS IN CANINE GASTRIC DILATATION-VOLVULUS SYNDROME
ANTHONY J. FISCHETTI, DVM, H. MARK SAUNDERS, VMD, MS, KENNETH J. DROBATZ, DVM
Vet radiol Ultrasound, 2004

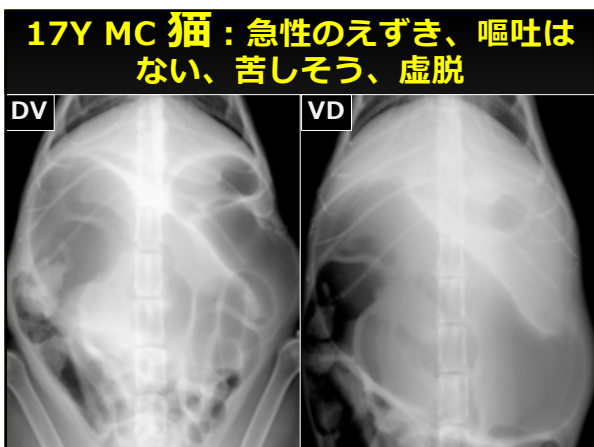
- 壁内気腫・腹腔内遊離ガスと胃壁壊死
- 感度：14.1%、特異度：92.7%

**ガスを見つけに行き
壊死を予測せよ！**

75



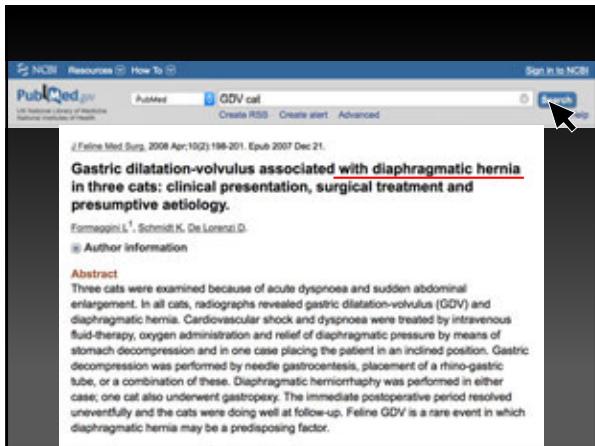
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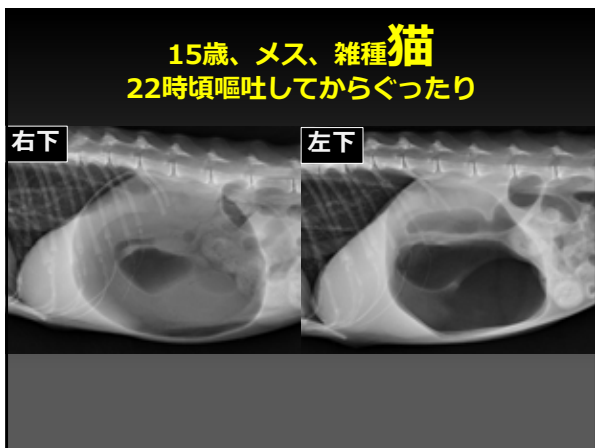
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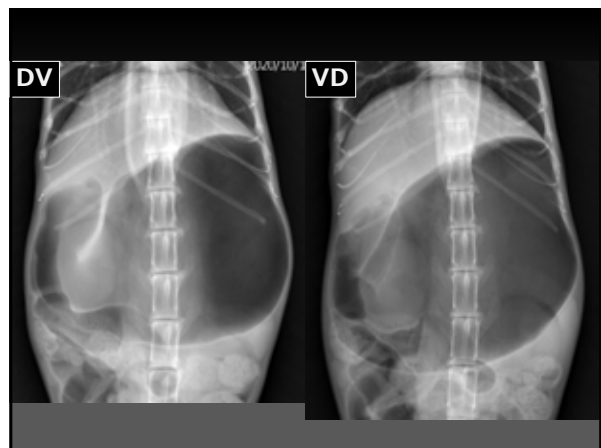
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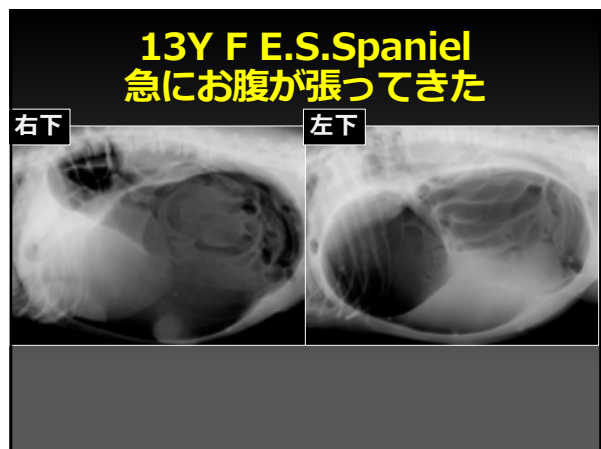
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82



83



84

13Y F E.S.Spaniel
急にお腹が張ってきた

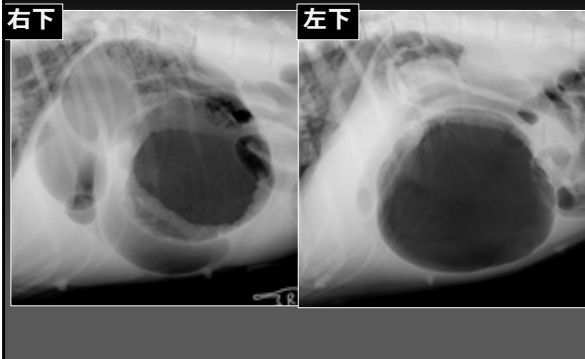


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捻転してる

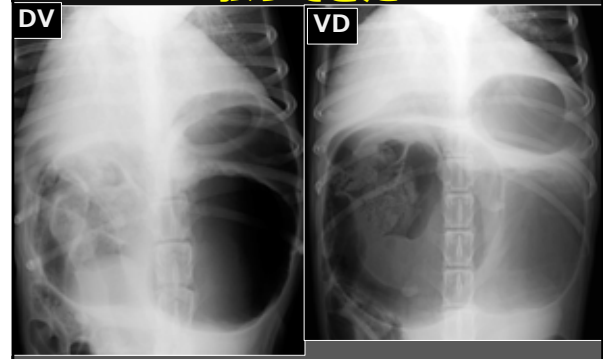
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8Y F Dorbel : 急にお腹が
張ってきた



87

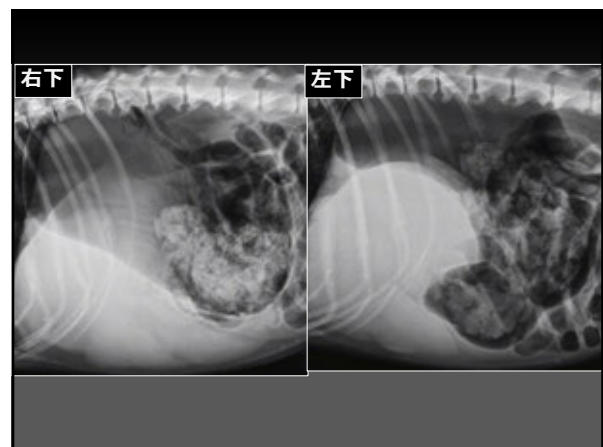
8Y F Dorbel : 急にお腹が
張ってきた



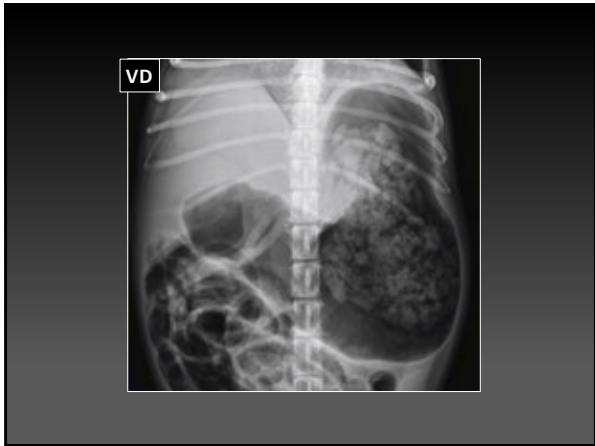
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捻転してる

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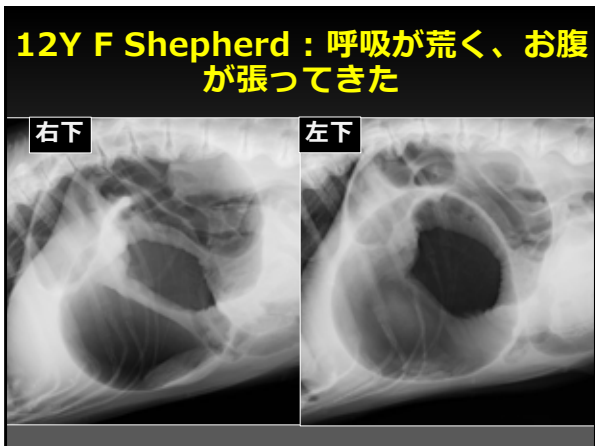
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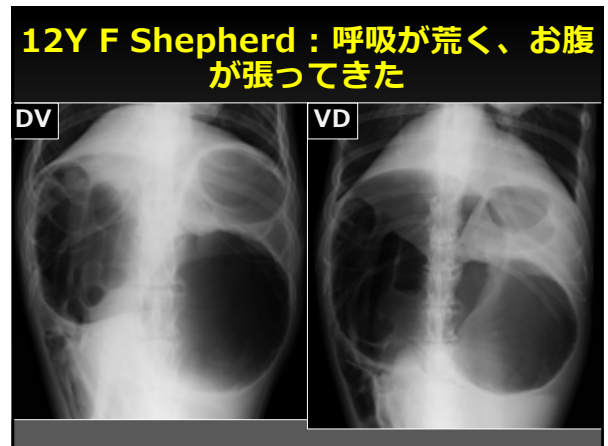
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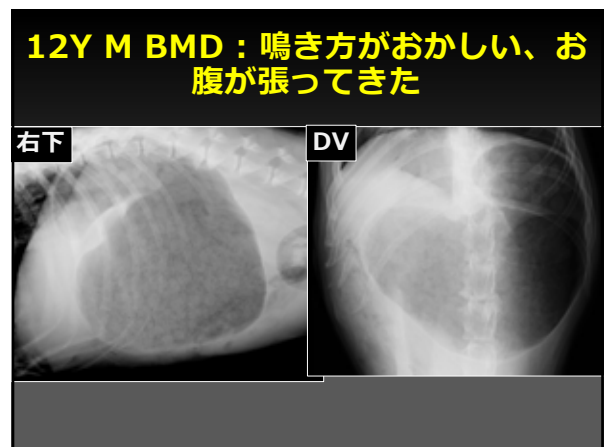
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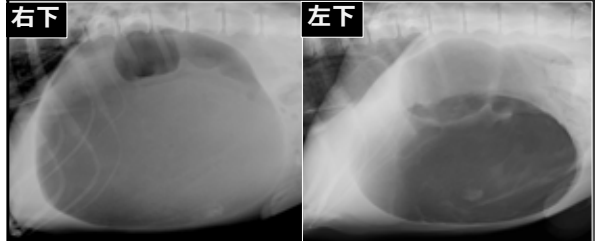


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捻転してる

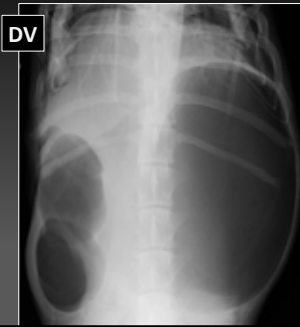
97

6Y M Basette : 何度もえずいている
が吐けない、お腹が張ってきた



98

6Y M Basette : 何度もえずいている
が吐けない、お腹が張ってきた

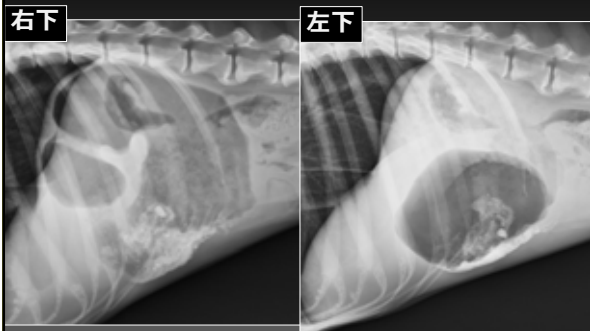


99

してない

100

7Y MC Dorbel :
慢性嘔吐、体重減少



101

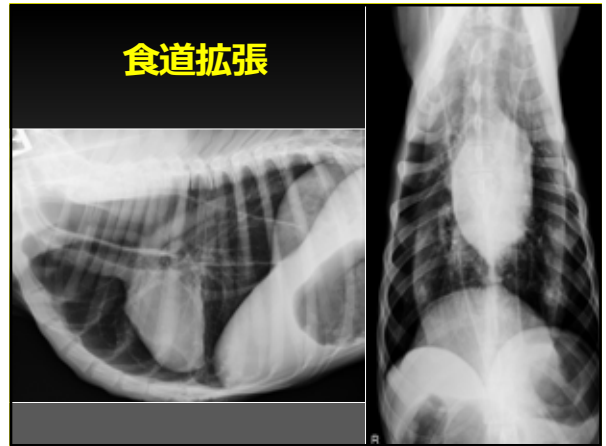
7Y MC Dorbel : 慢性嘔吐、
体重減少



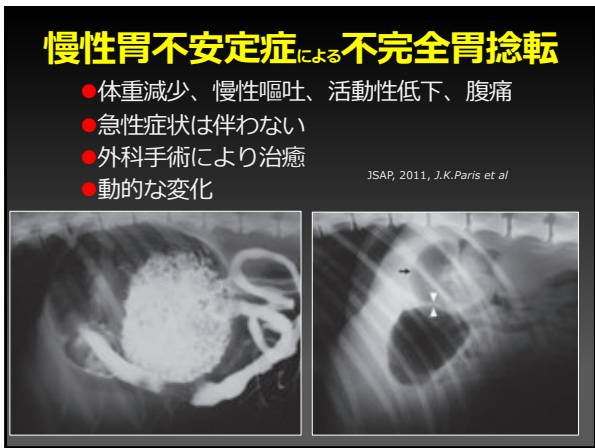
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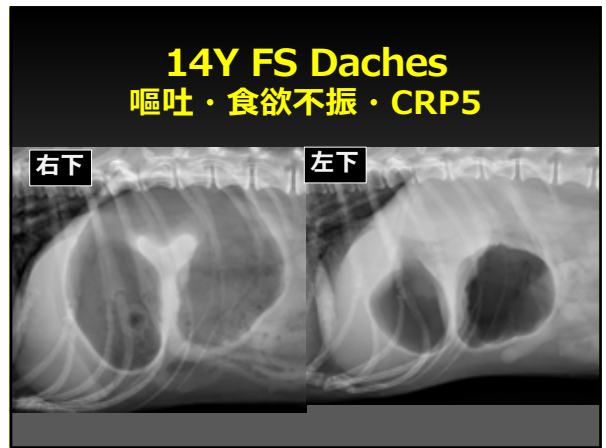
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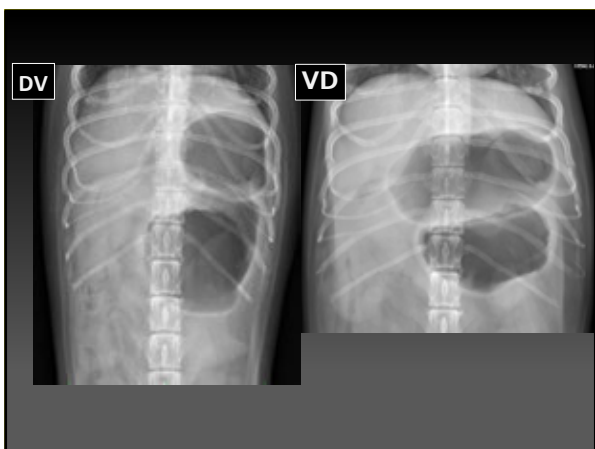
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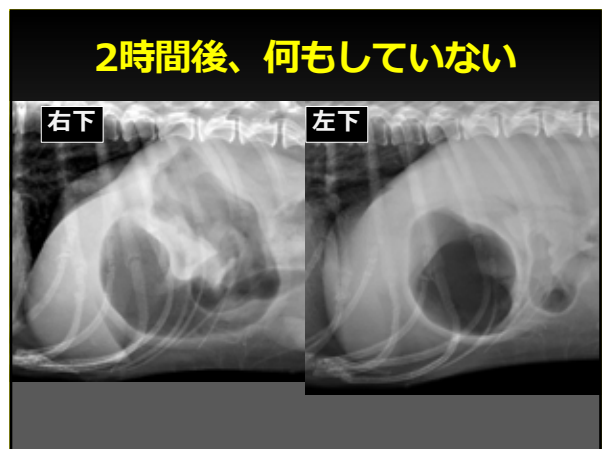
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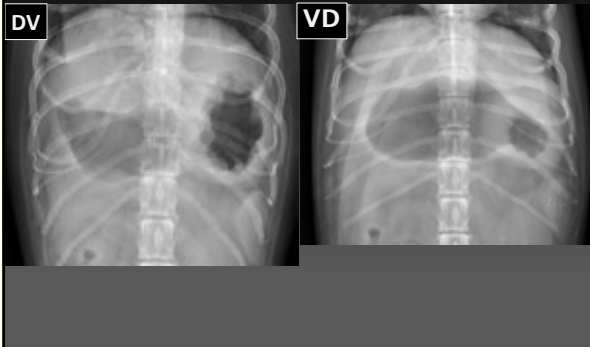


107



108

2時間後、何もしていない



109

ちなみに、超音波でわかるのか挑戦！



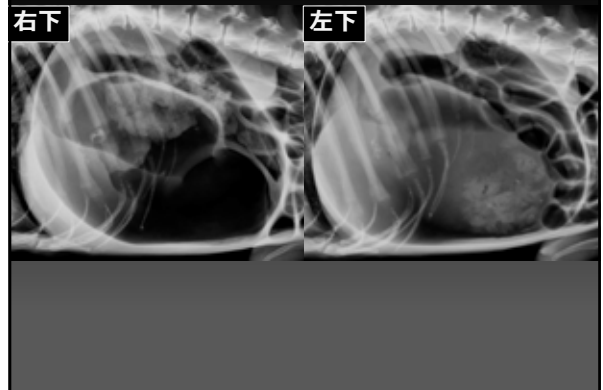
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ちなみに犬の状態はこんな感じ

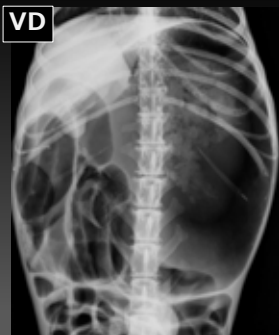


慢性胃不安定症
→レントゲンでしか
わからない
→慢性嘔吐
超音波だけでは
危険！

111



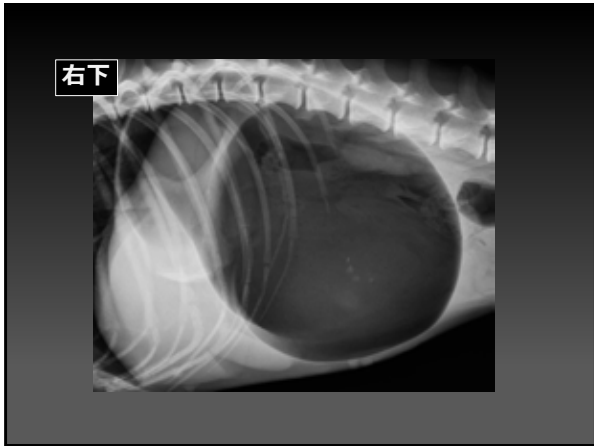
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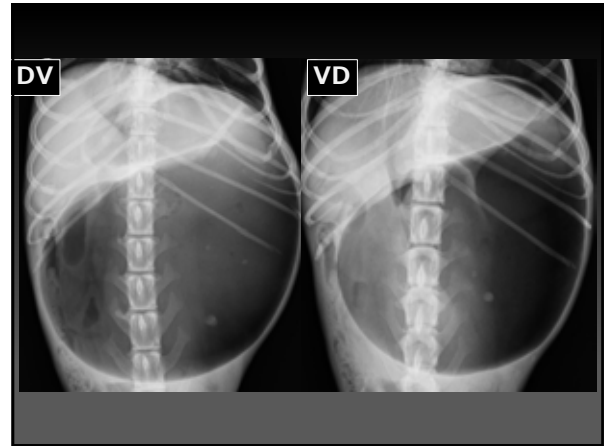
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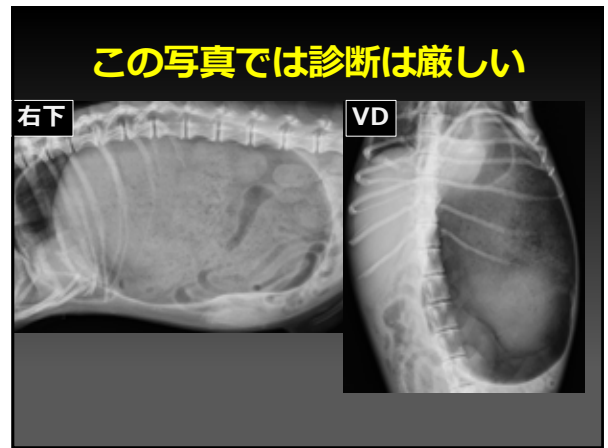
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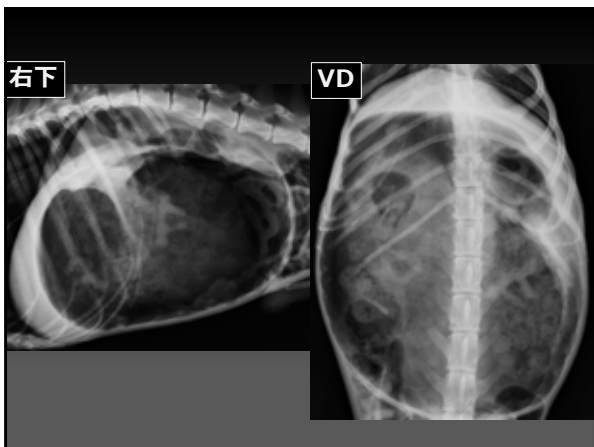
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117



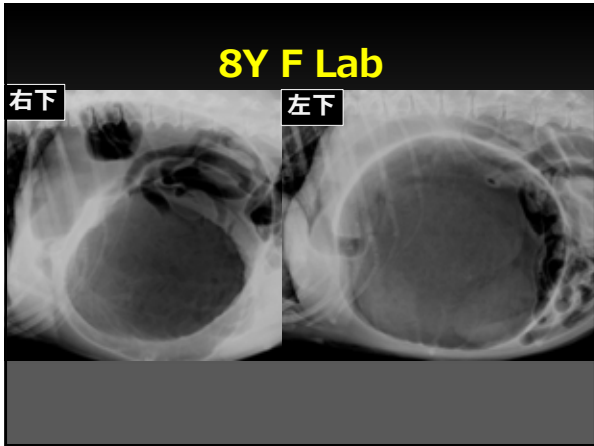
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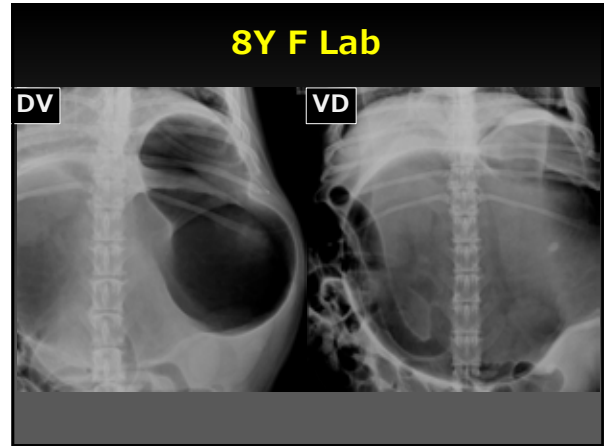
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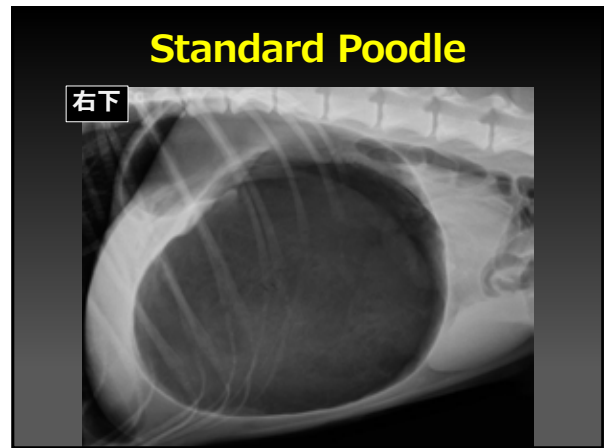
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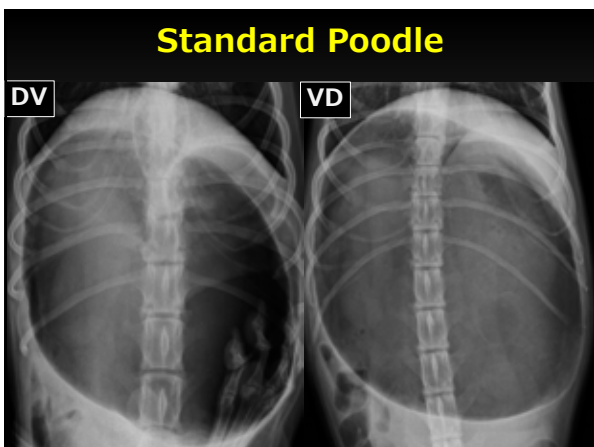
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123



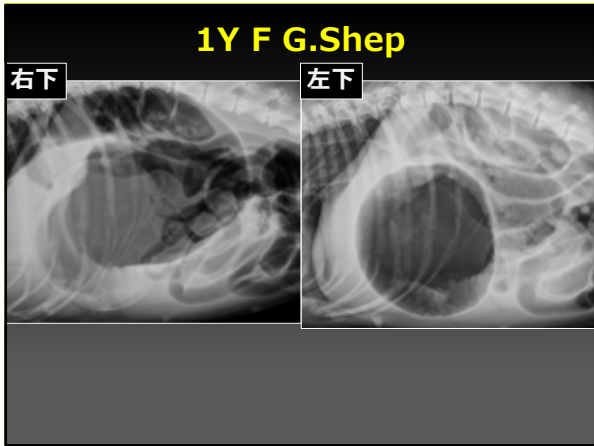
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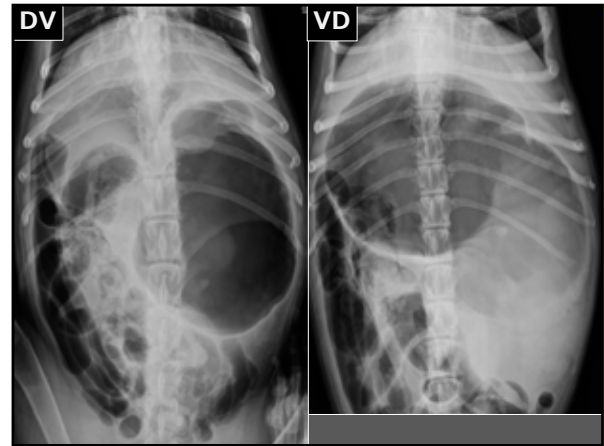
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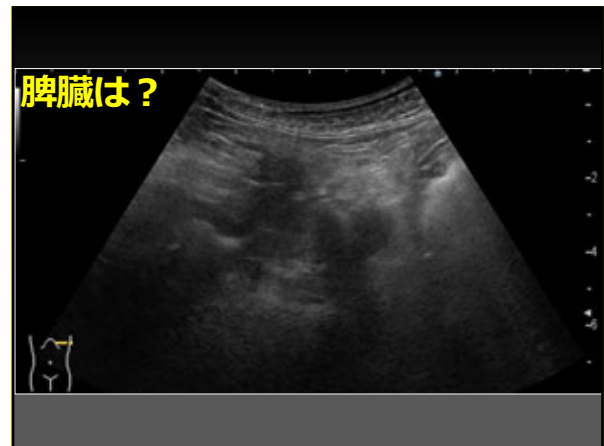
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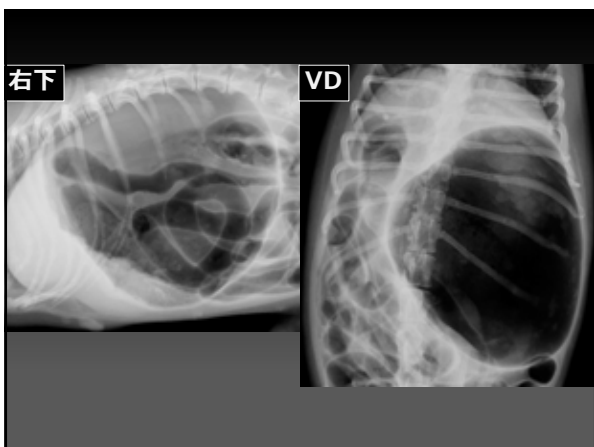
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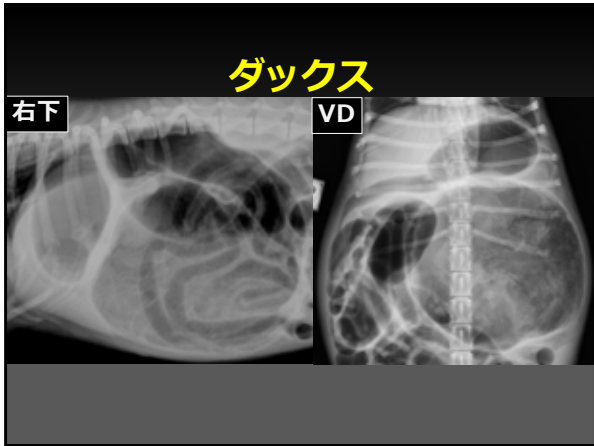
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131



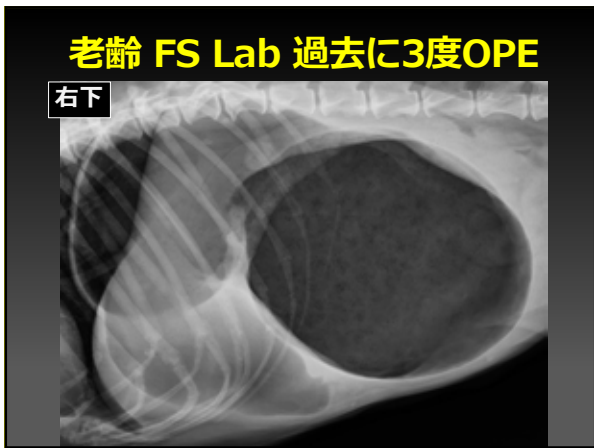
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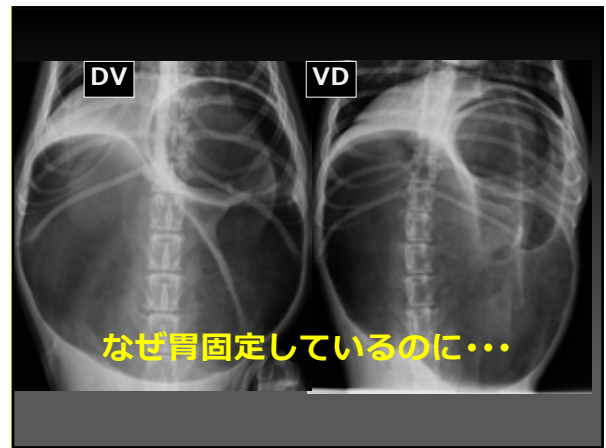
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134



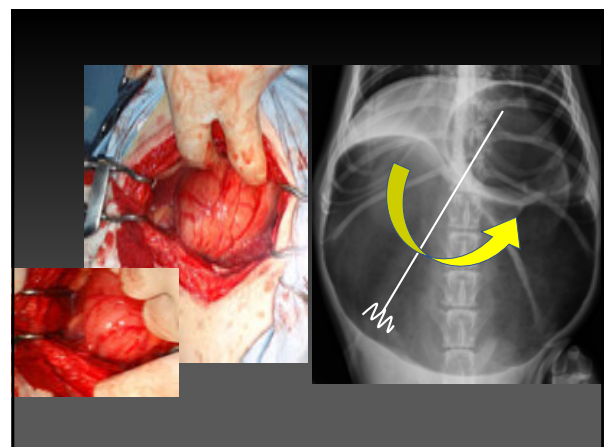
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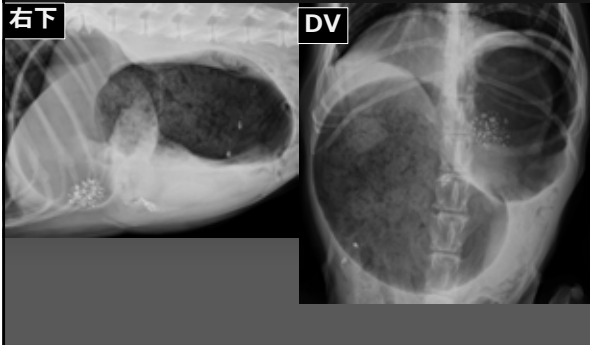


137



138

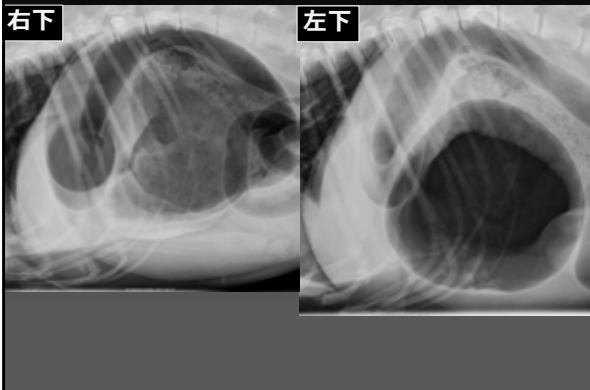
過去に胃固定のオペ歴あり



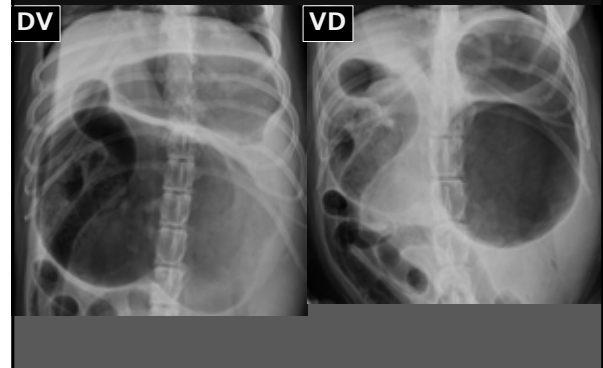
139

捻転してる

140



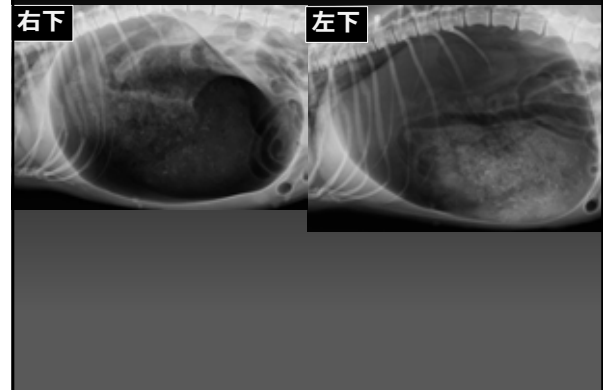
141



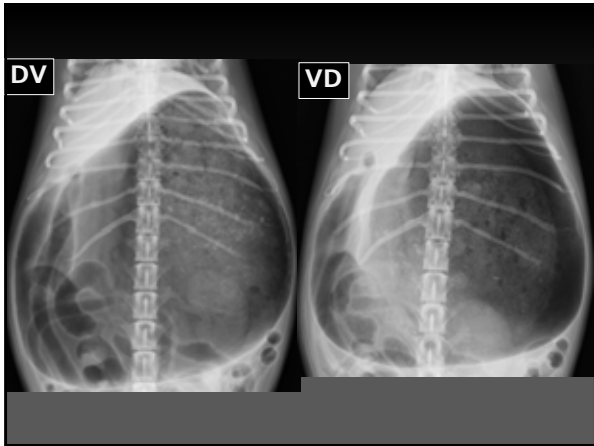
142

捻転してる

143



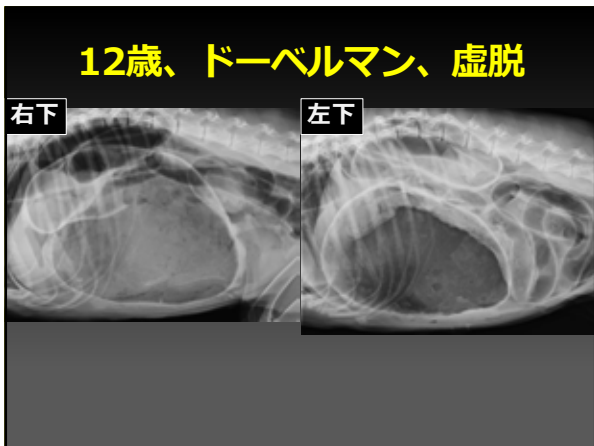
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145



146



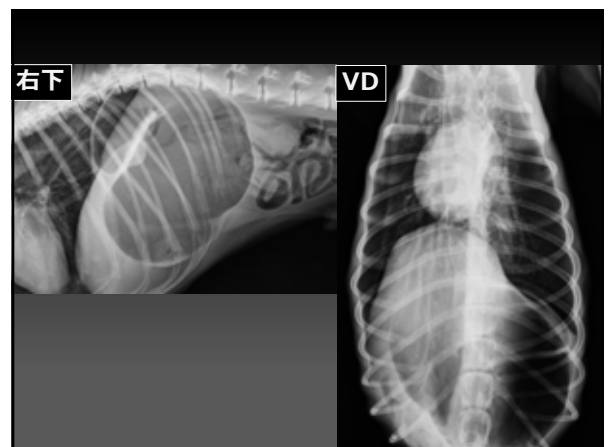
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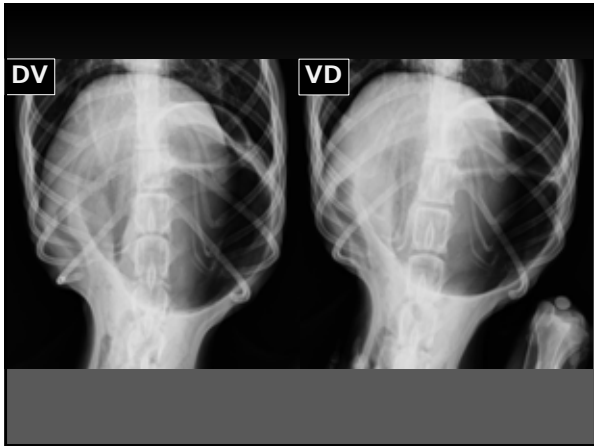
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149



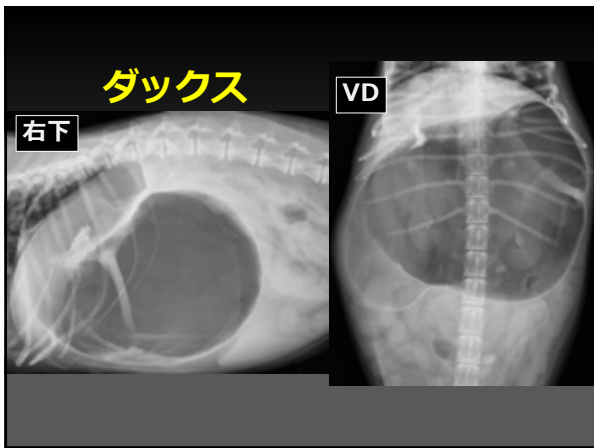
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151



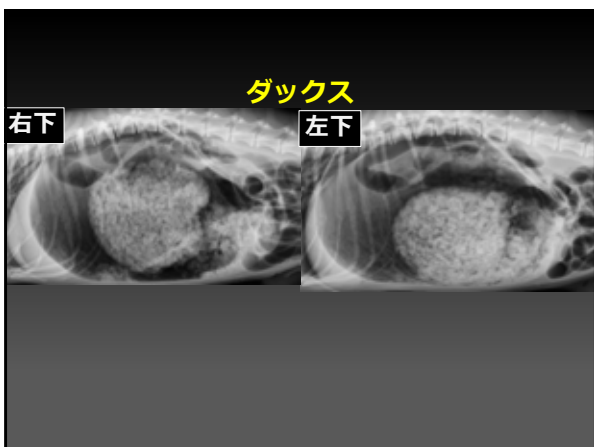
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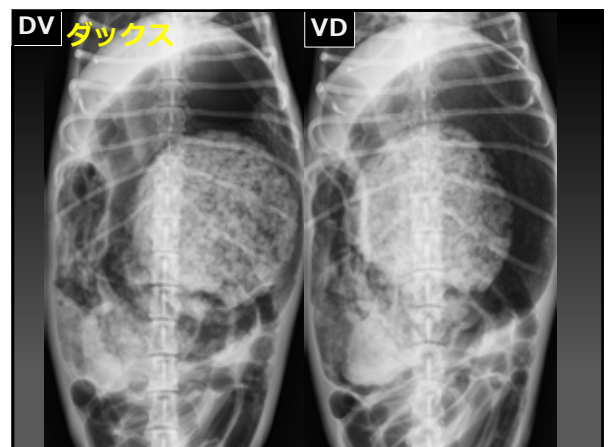
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154



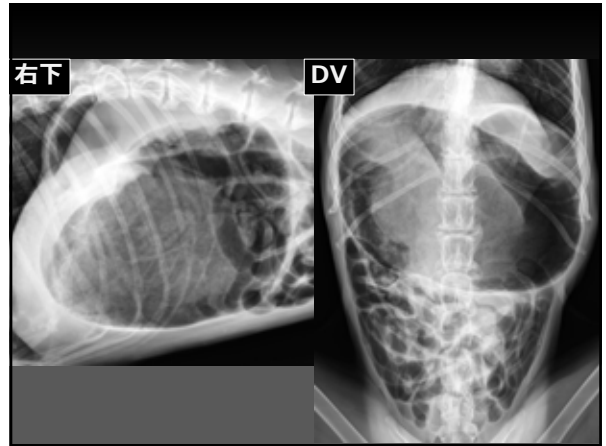
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156



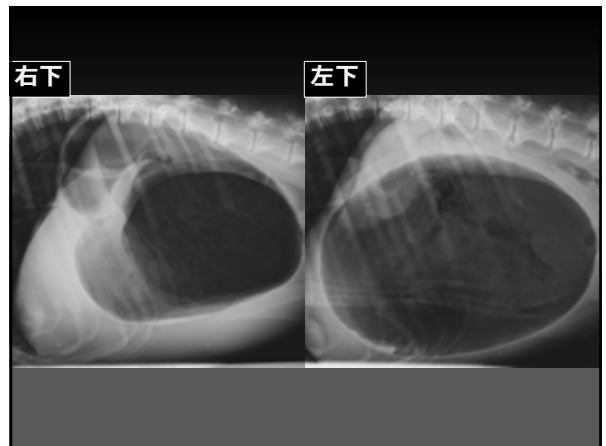
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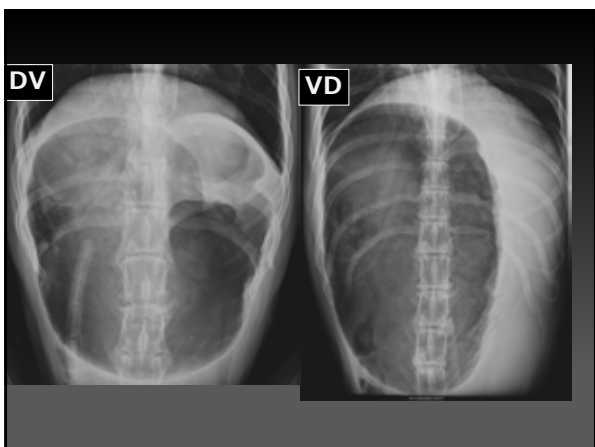
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159



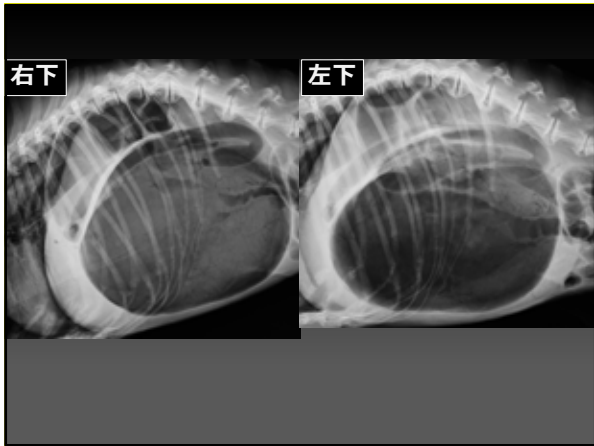
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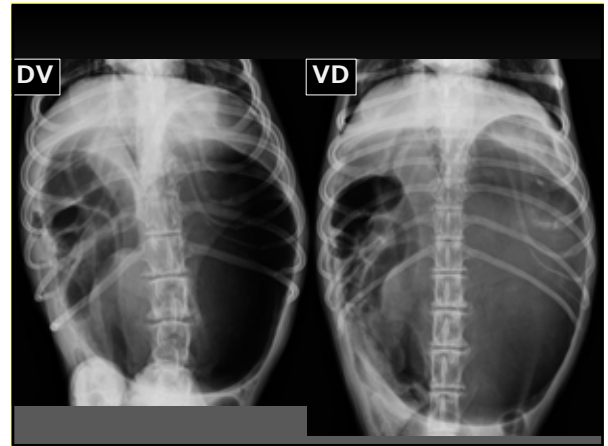
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162



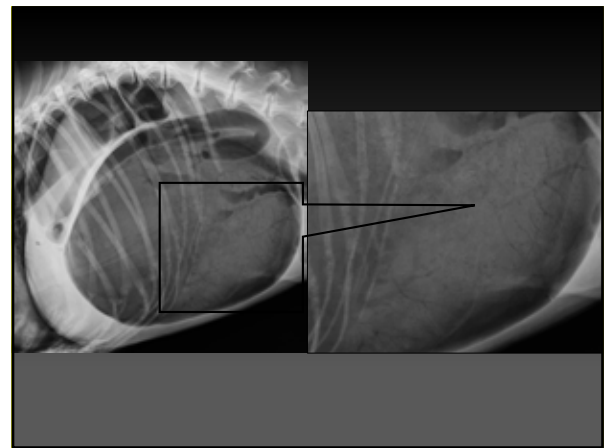
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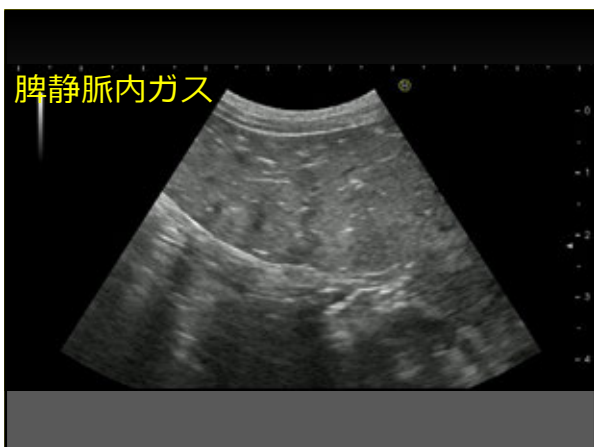
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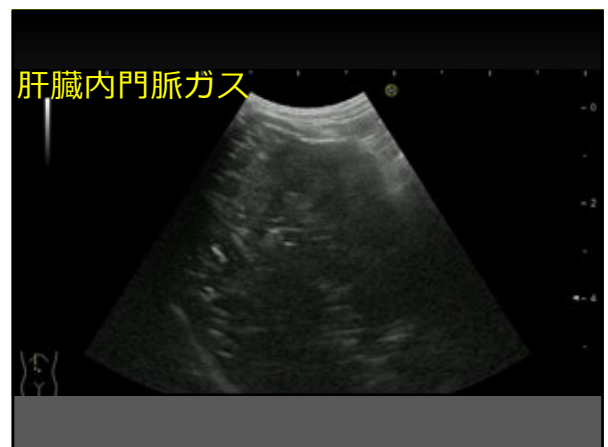
165



166



167



168

肝臓内門脈ガス

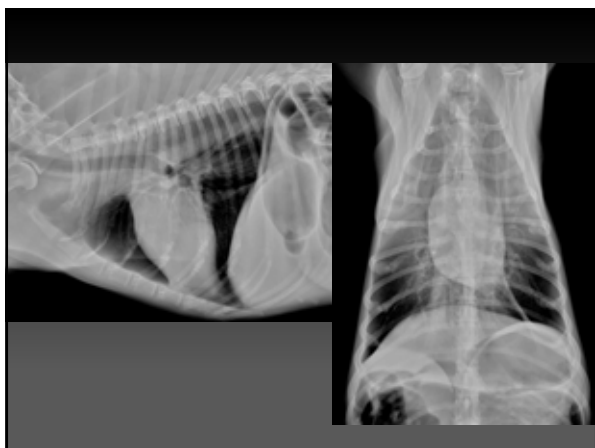
- ヒト：乳児の壊死性腸炎で予後不良
- 75%以上の死亡率（Leibman, et al. 1978）
- 犬の1例報告2本
 - 催吐処置のためのオキシドール投与：生存
 - Fvverzani, et al. 2009
 - 化膿性肉芽腫性結腸炎に続発：敗血症のため安楽死
 - Fennifer A, et al. 2016
- ヒト：CTでの早期発見が死亡率減少に寄与
 - Faberman, et al. 1997

169

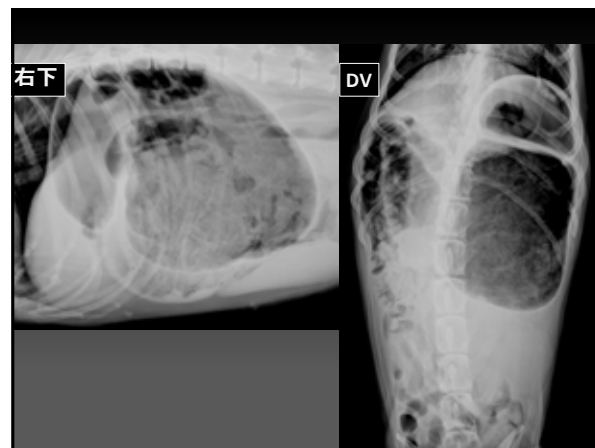
●手術麻酔直前心肺停止

●死亡

170



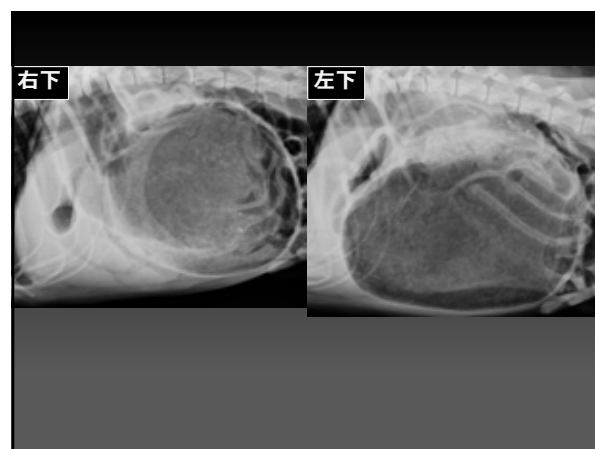
171



172

捻転してる

173



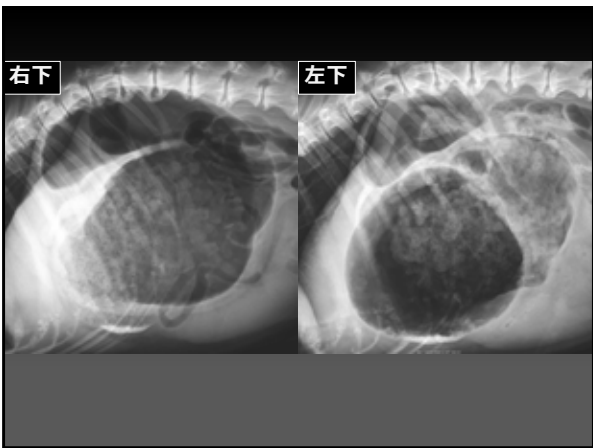
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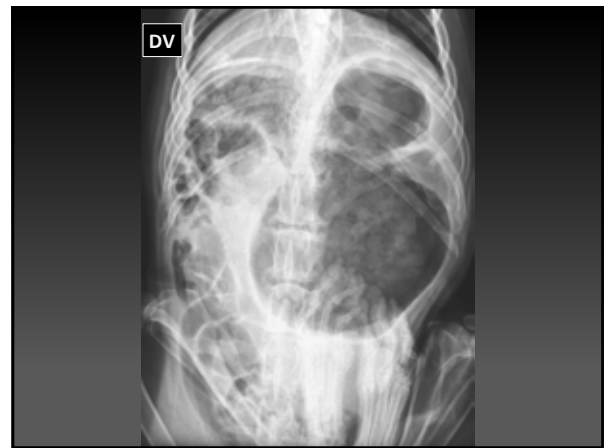
175



176



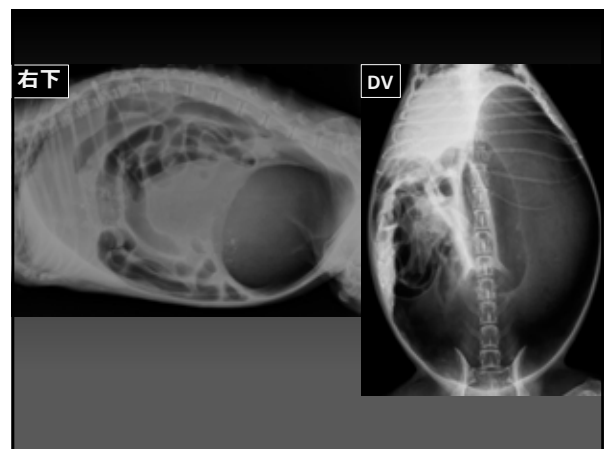
177



178



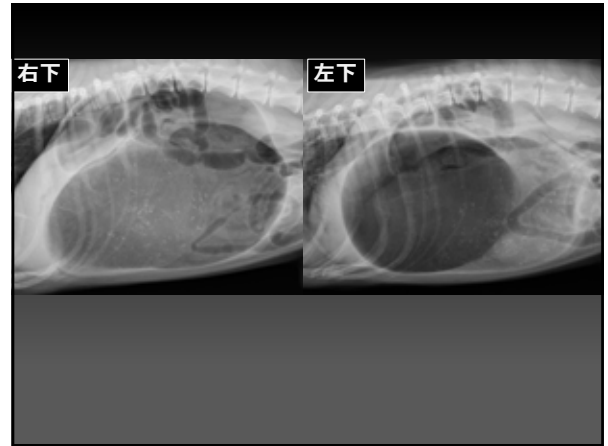
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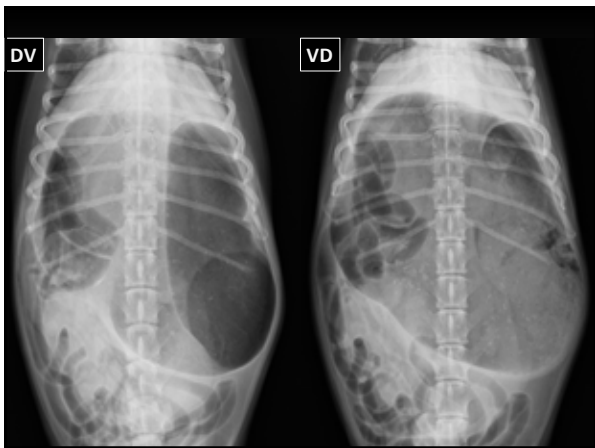
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181



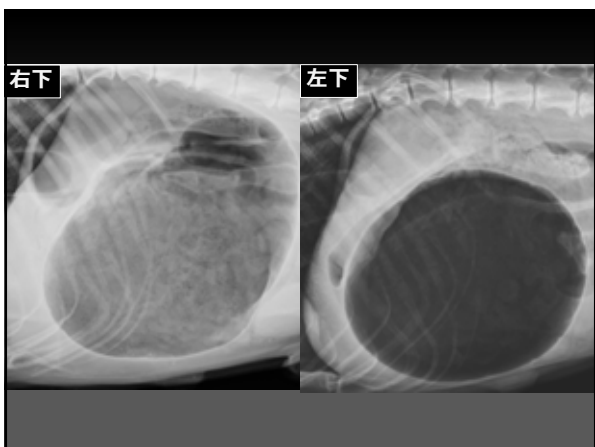
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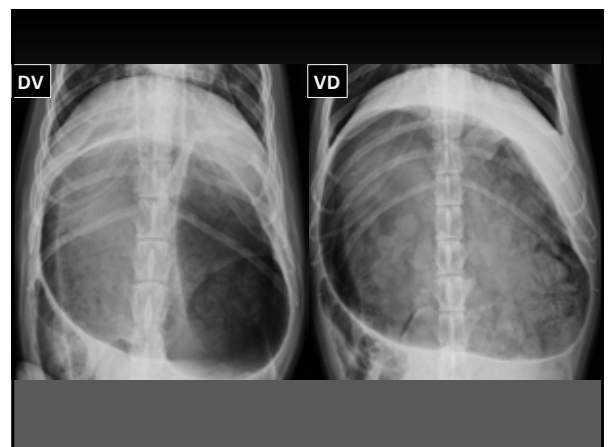
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184



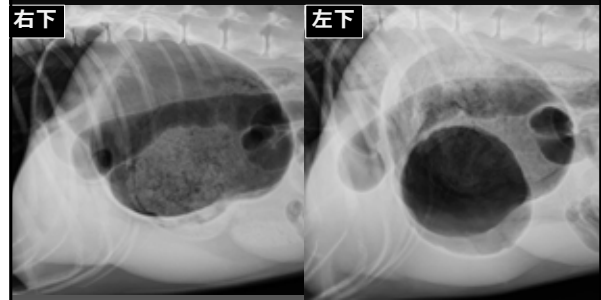
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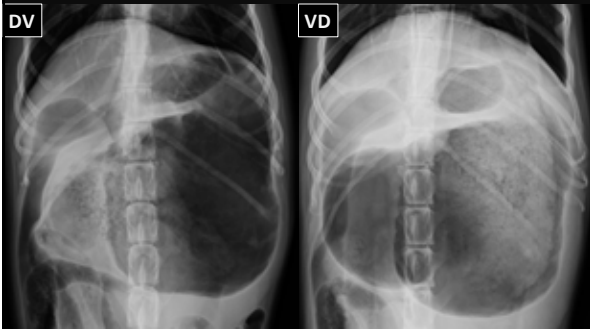
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捻転してる

187



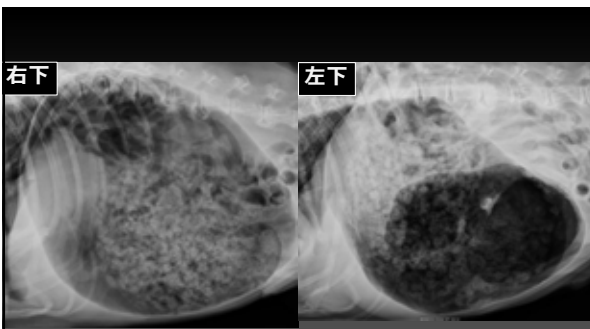
188



189

捻転してる

190



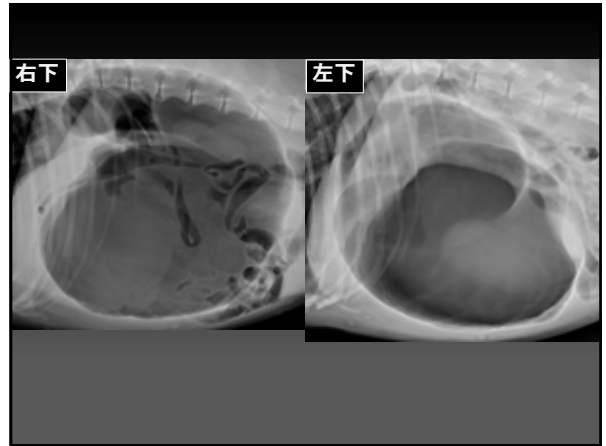
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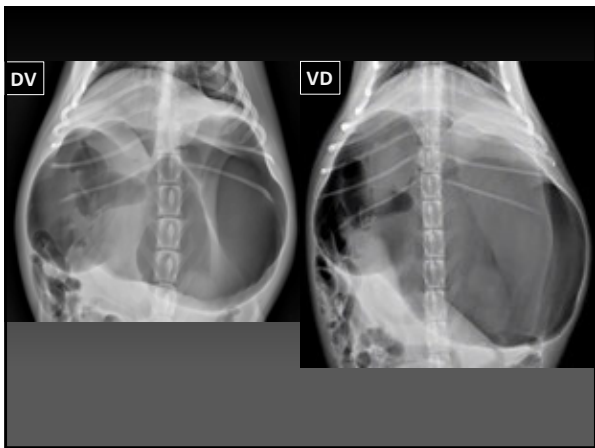
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193



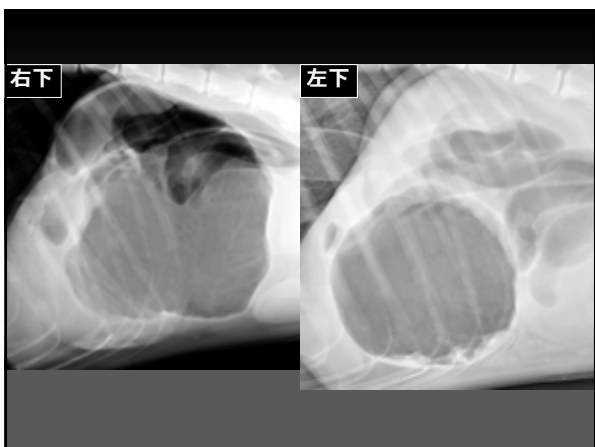
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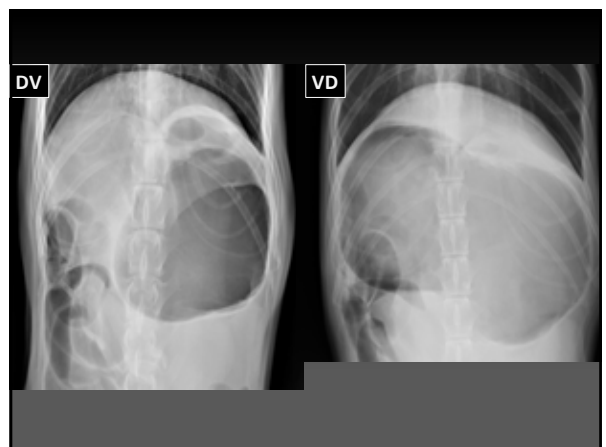
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196



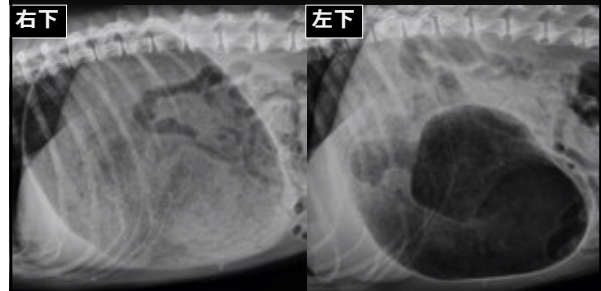
197



198

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199



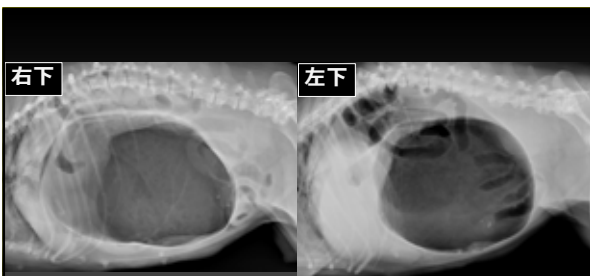
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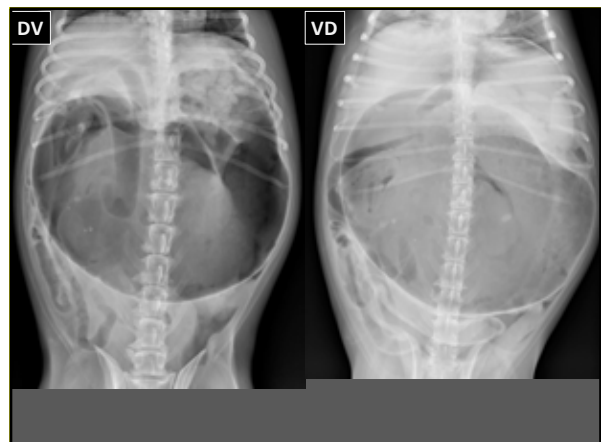
201

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202



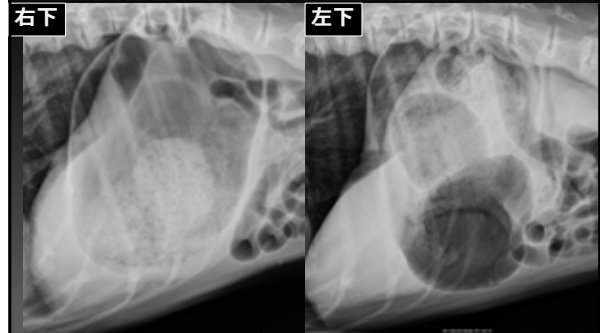
203



204

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205



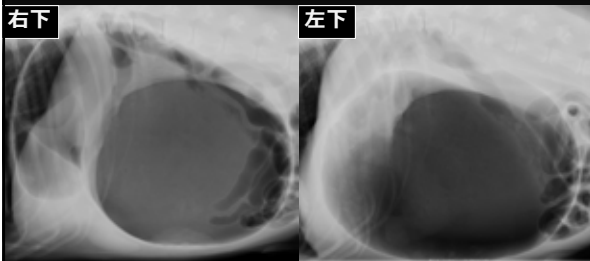
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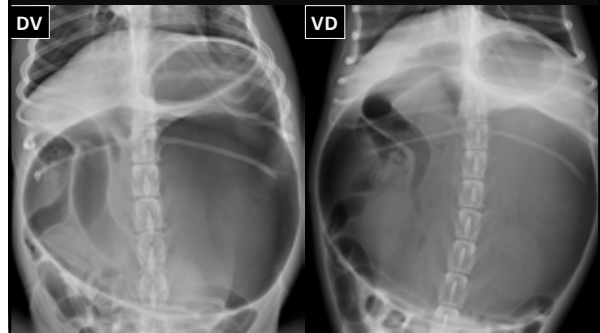
207

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208



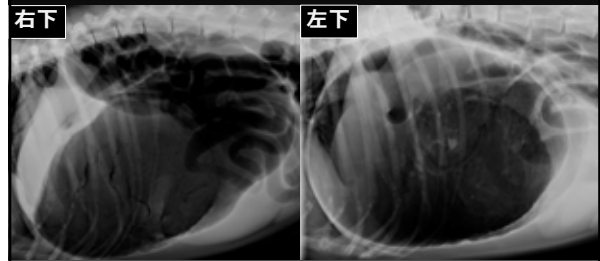
209



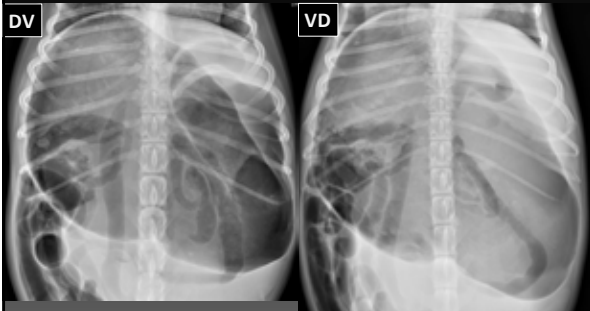
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211



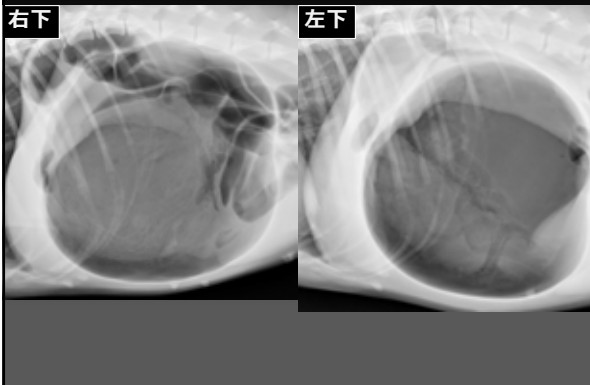
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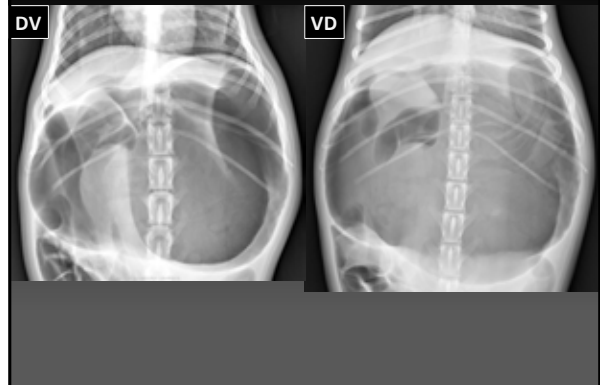
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捻転してる

214



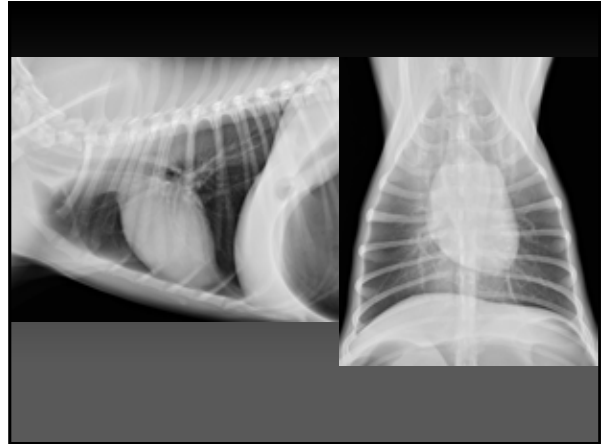
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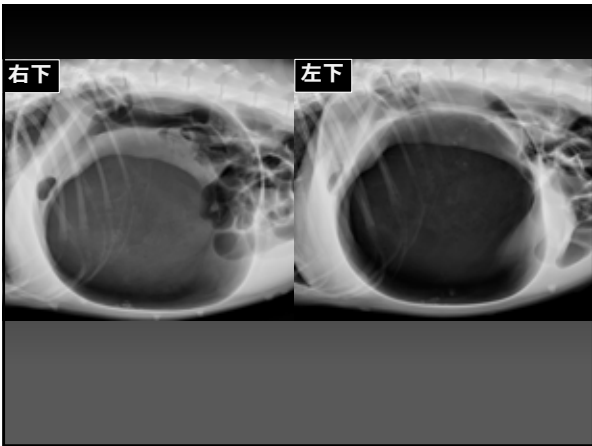
216

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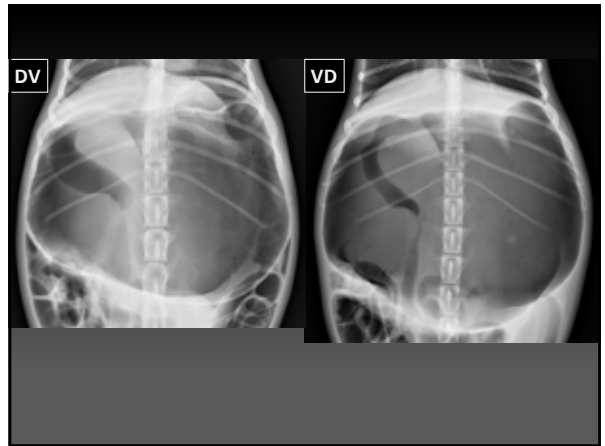
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218



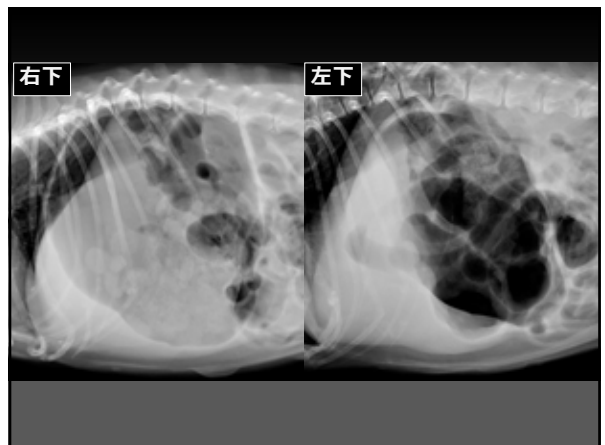
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220

捻転してる

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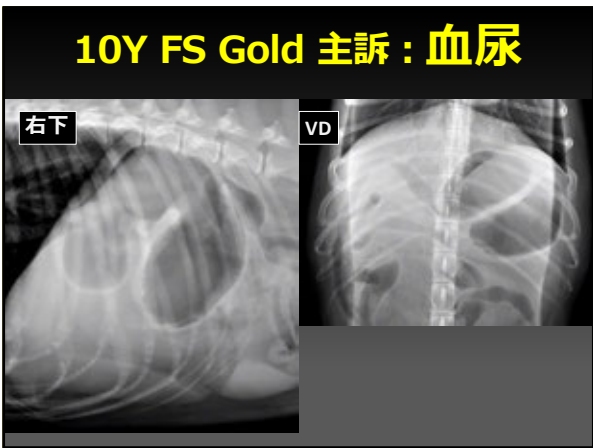
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223



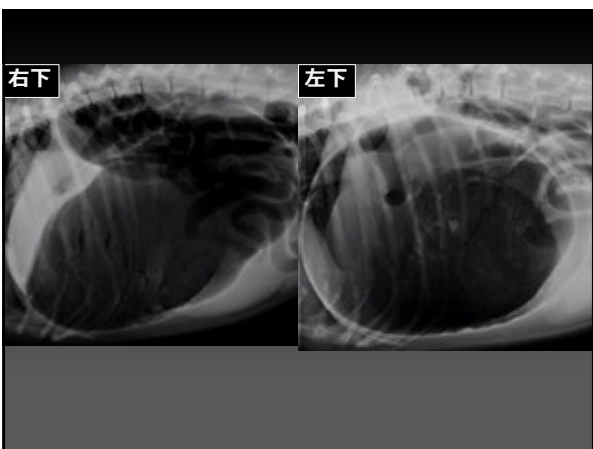
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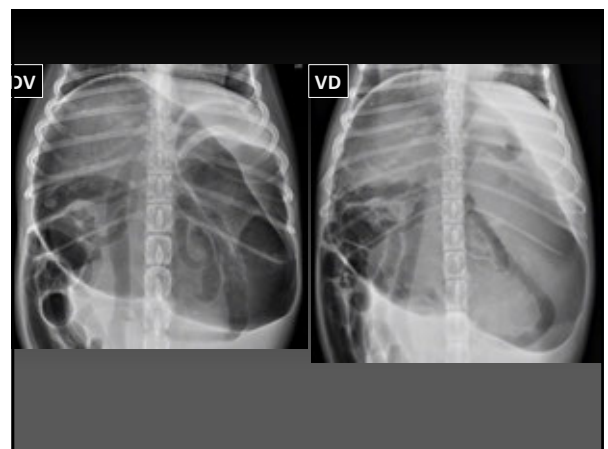
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226



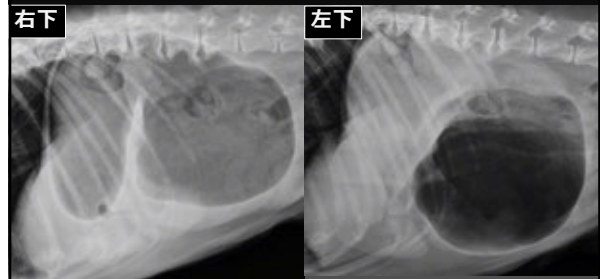
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228

捻転してる

229



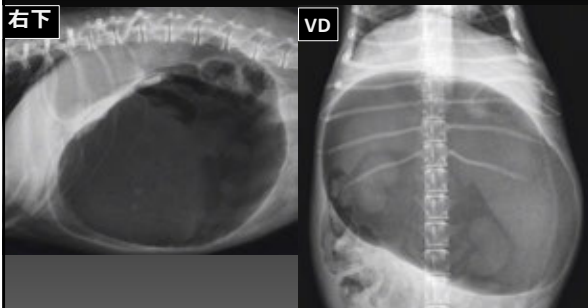
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231

捻転してる

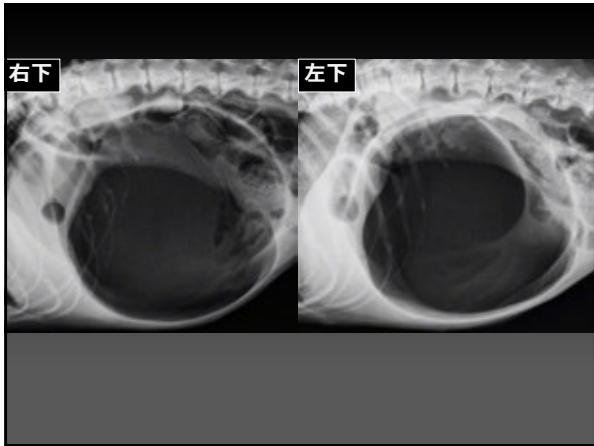
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233

捻転してる

234



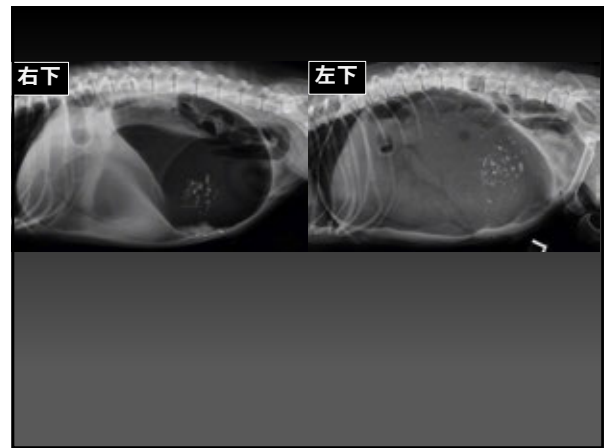
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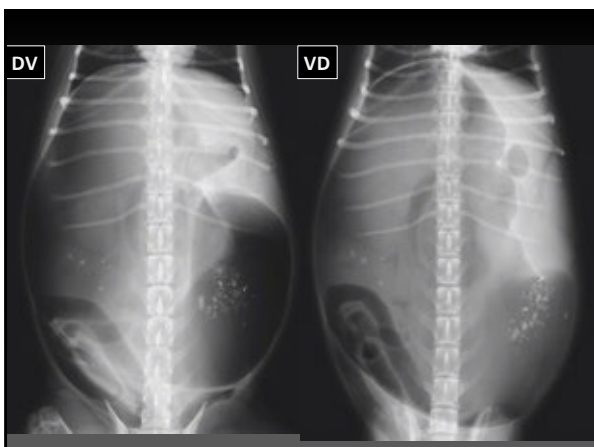
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237



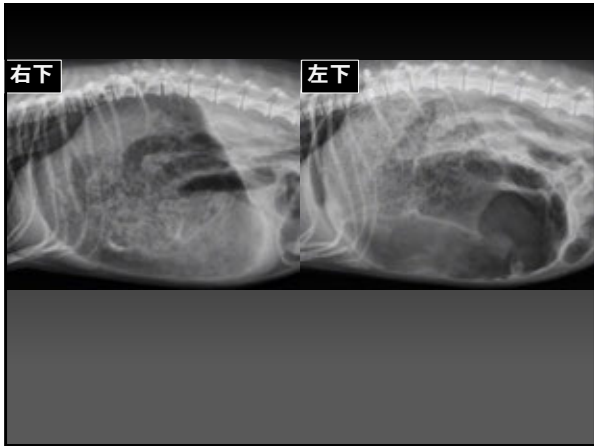
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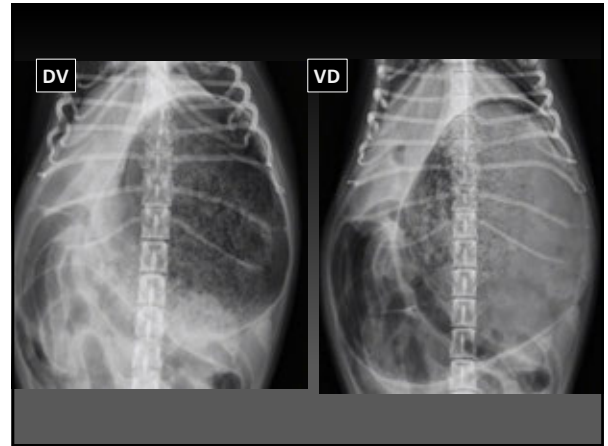
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240



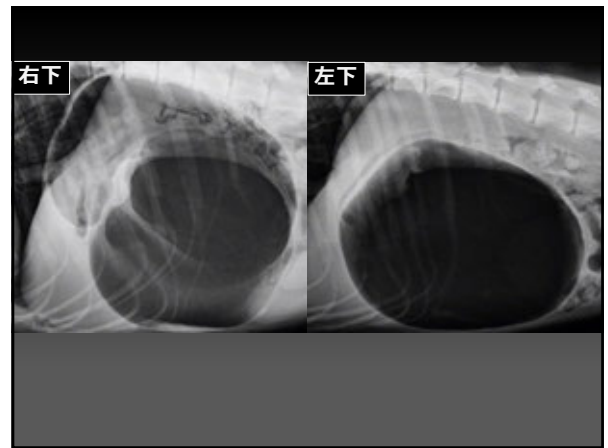
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242



243



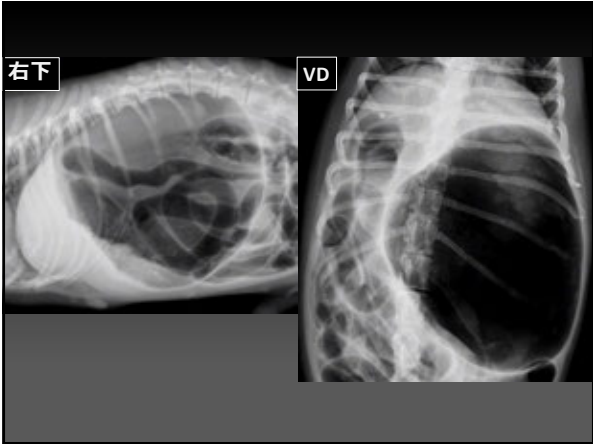
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245



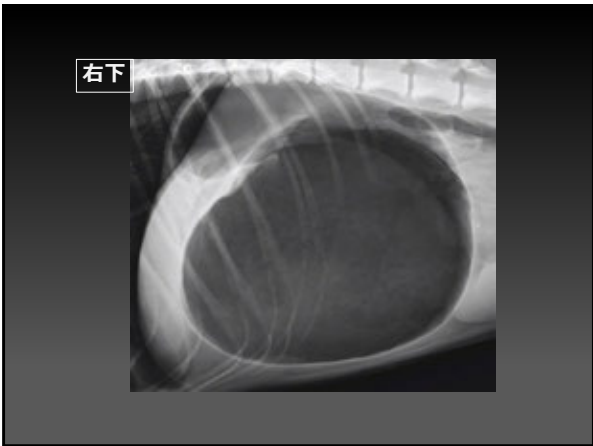
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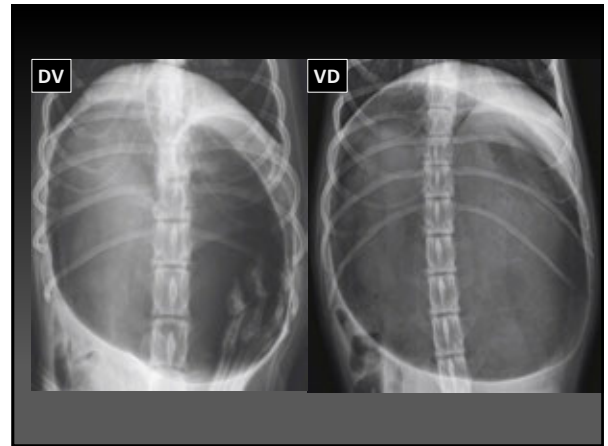
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248



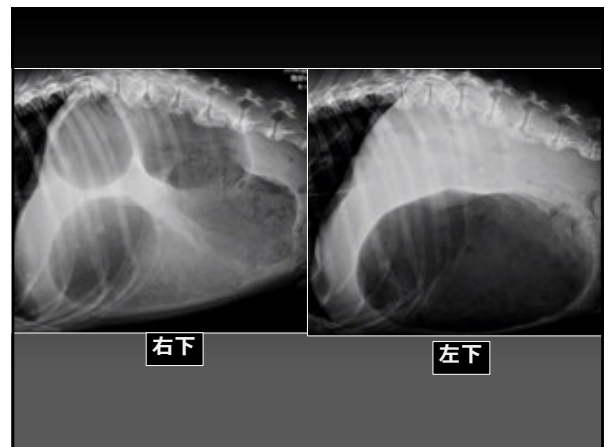
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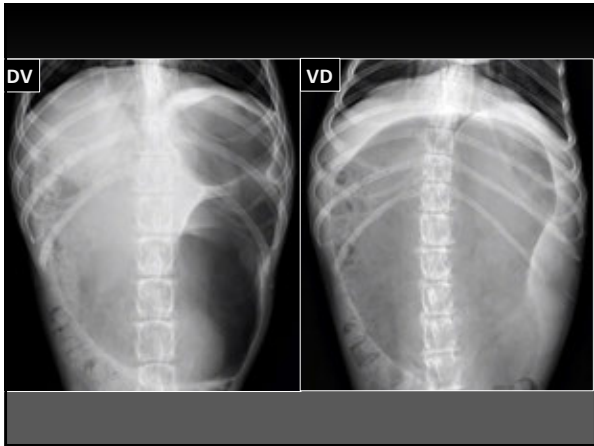
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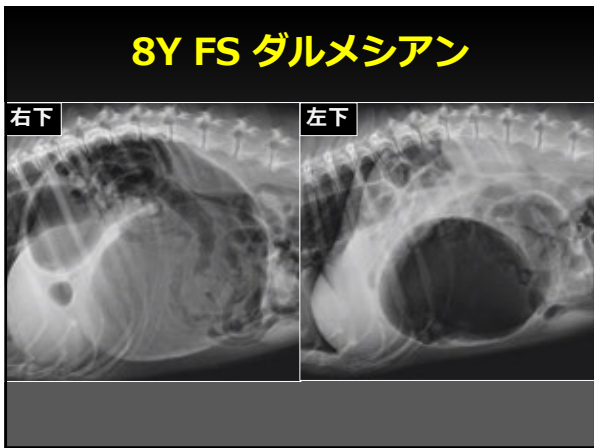
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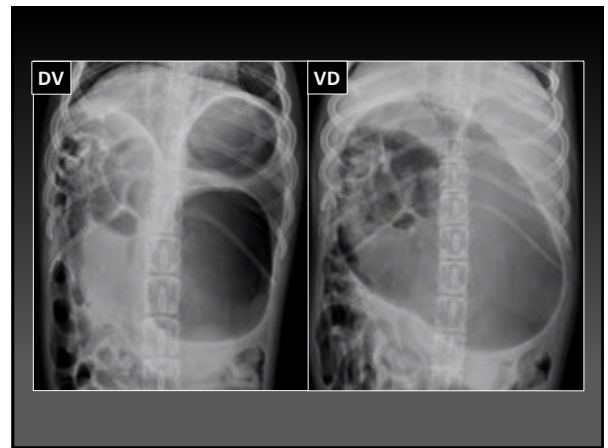
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254



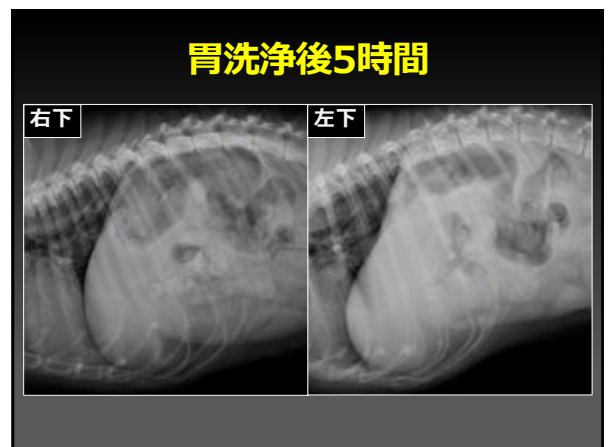
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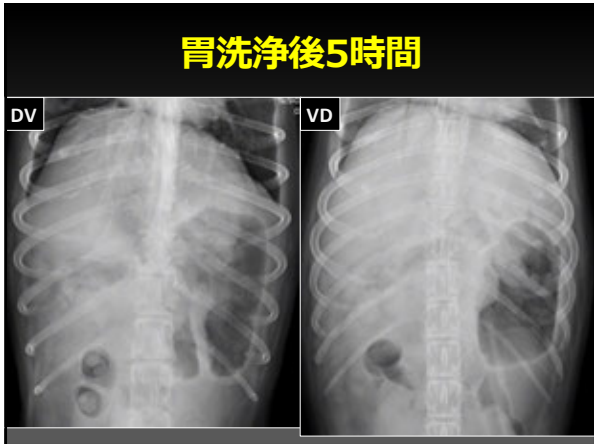
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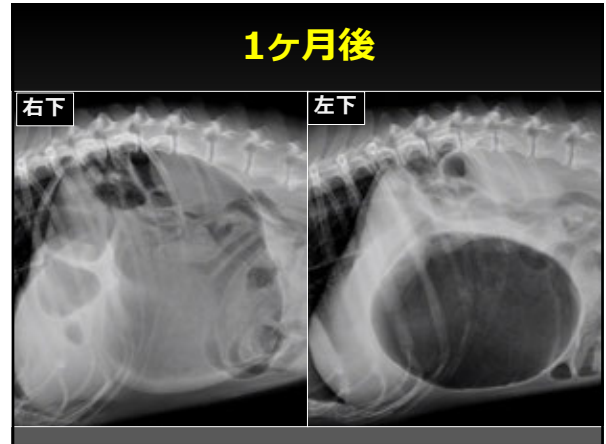
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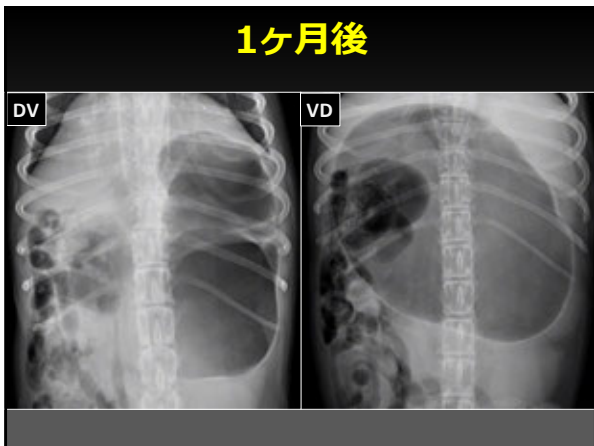
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259



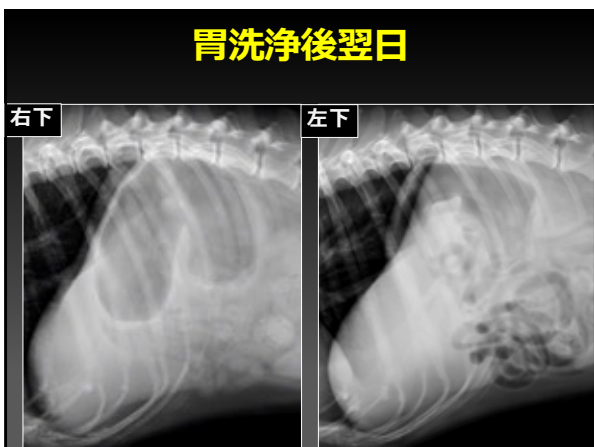
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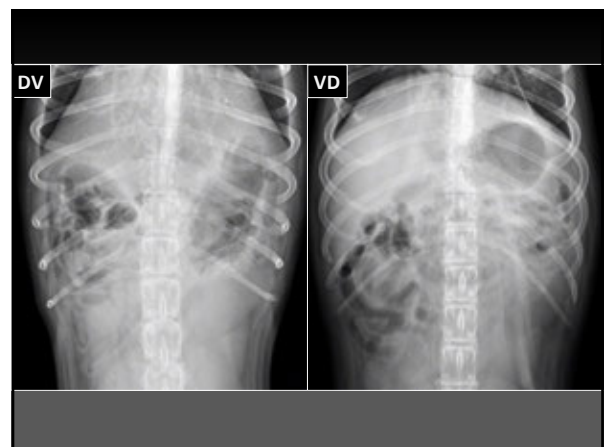
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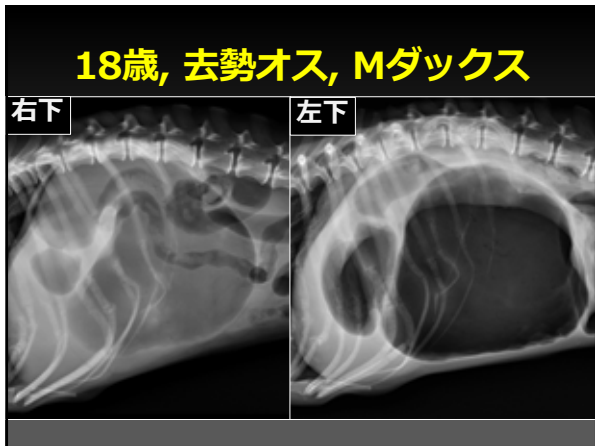
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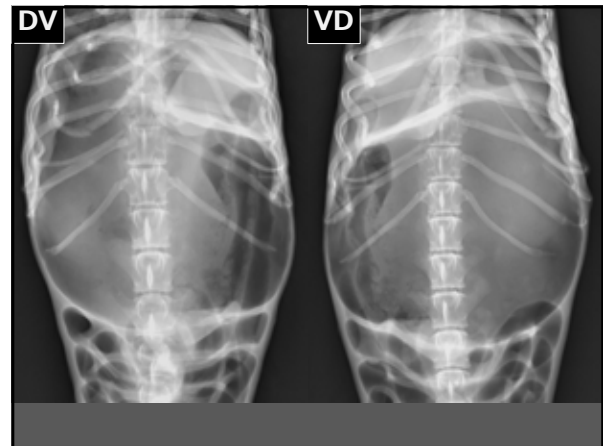
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264



265



266



267



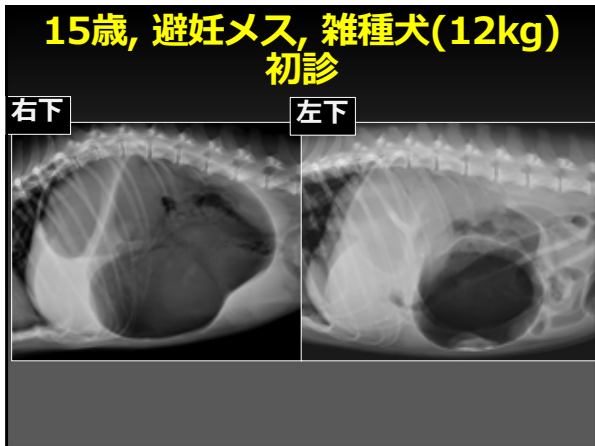
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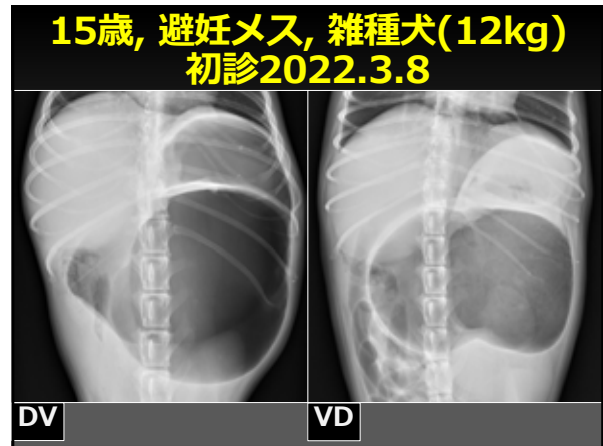
269



270



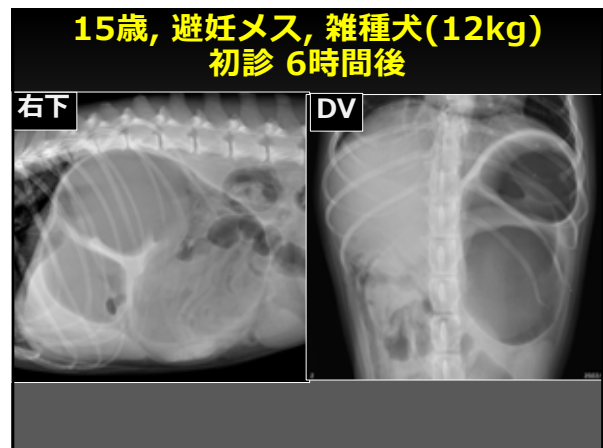
271



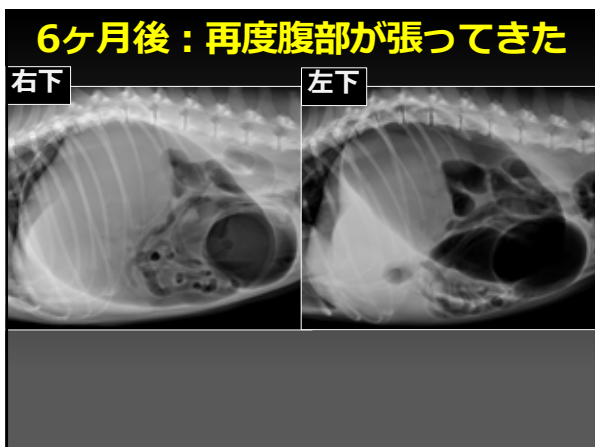
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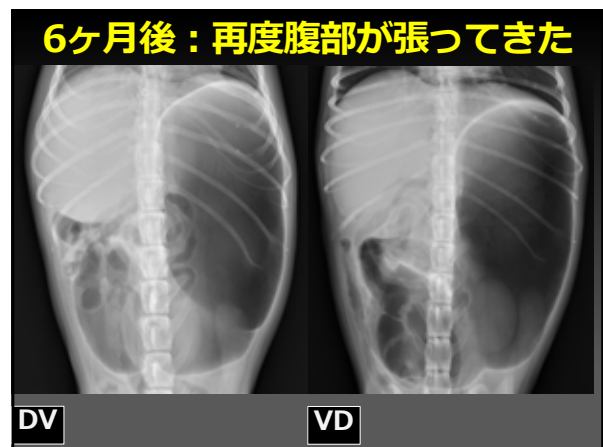
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274



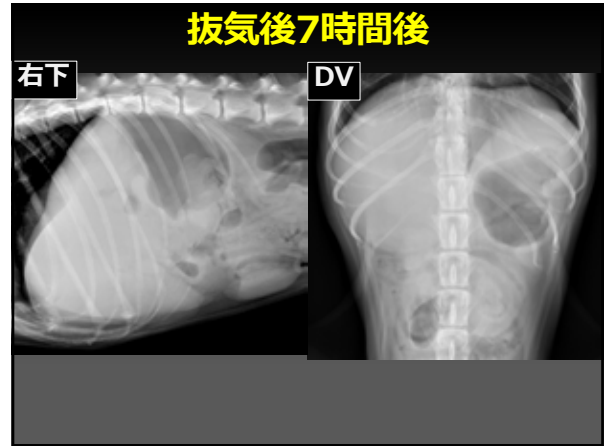
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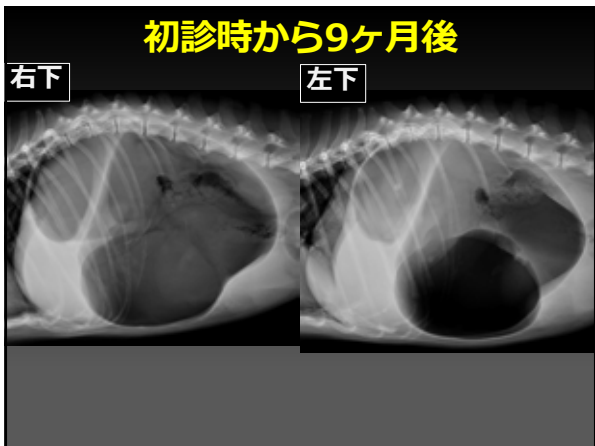
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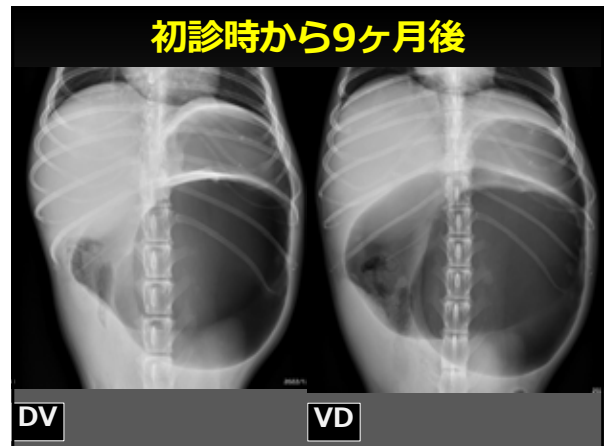
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278



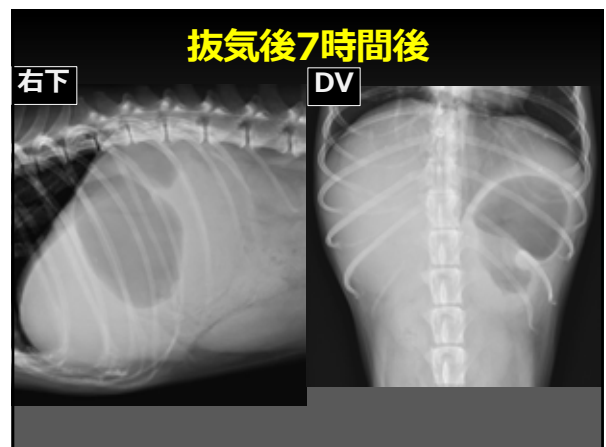
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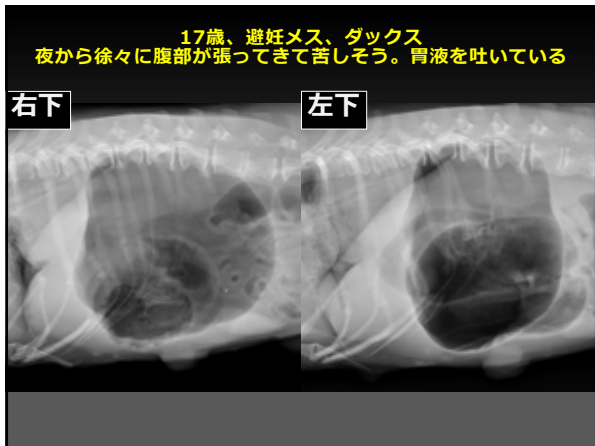
280



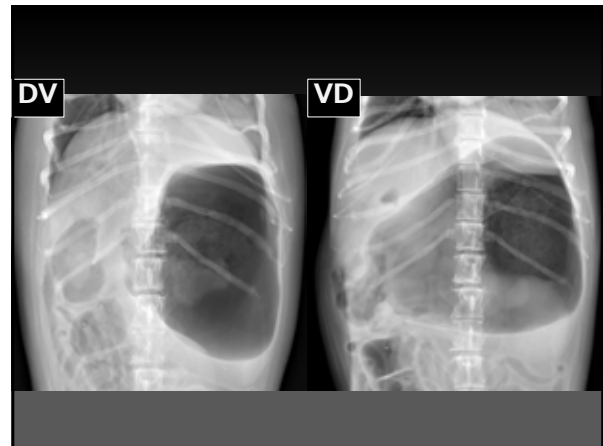
281



282



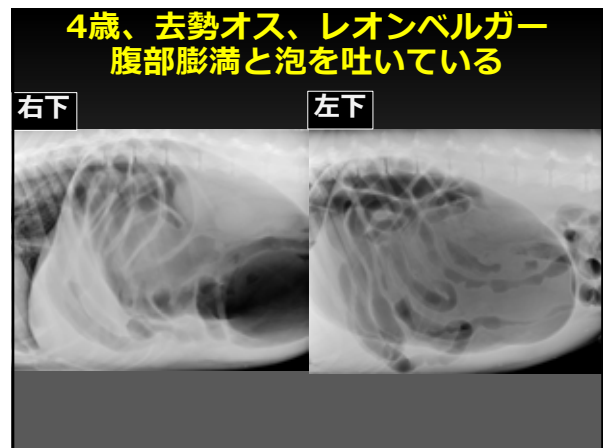
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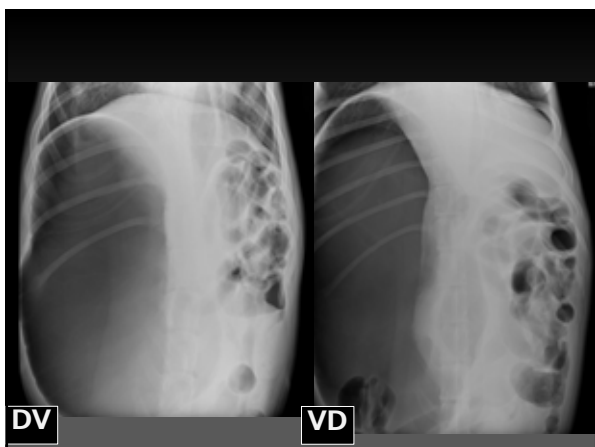
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285



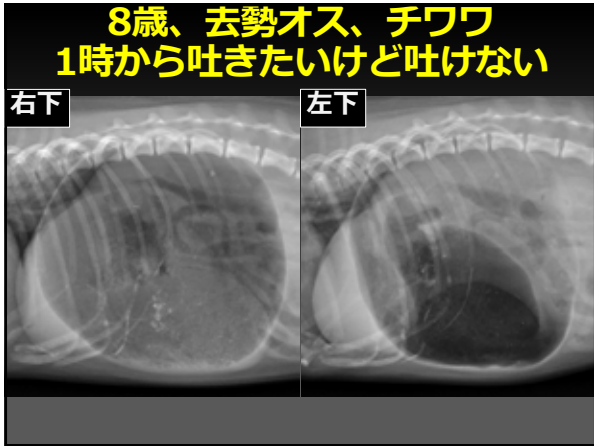
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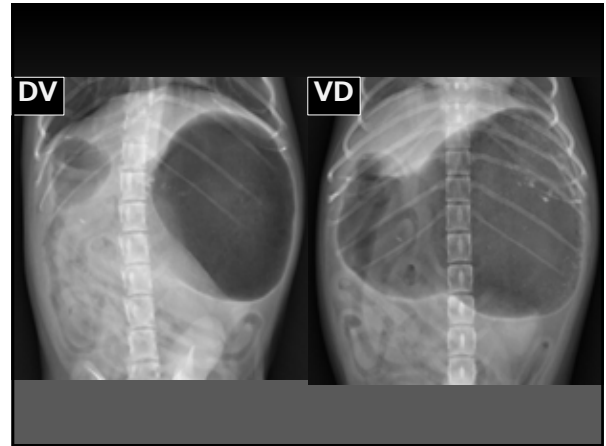
287



288



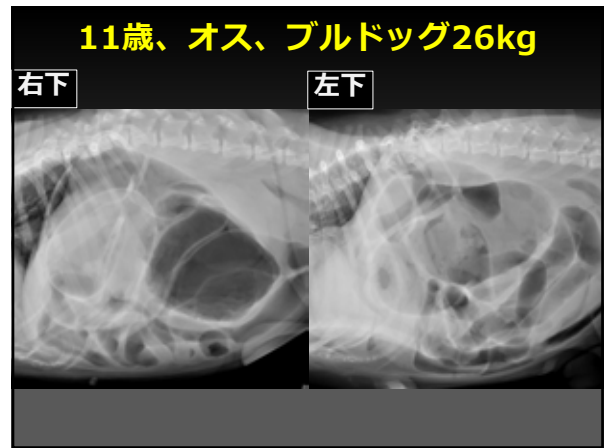
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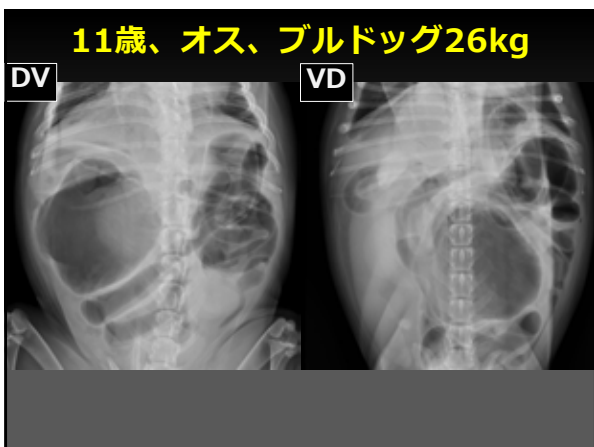
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291



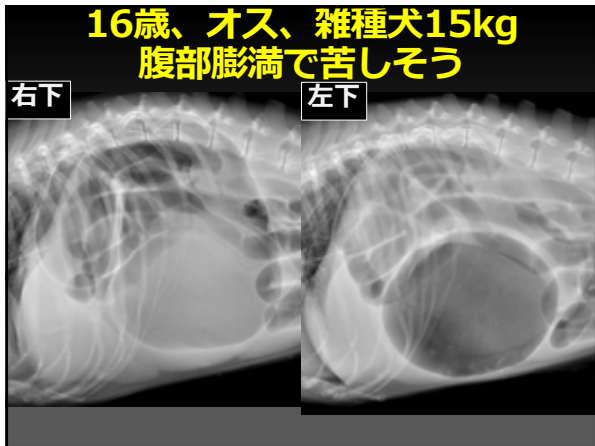
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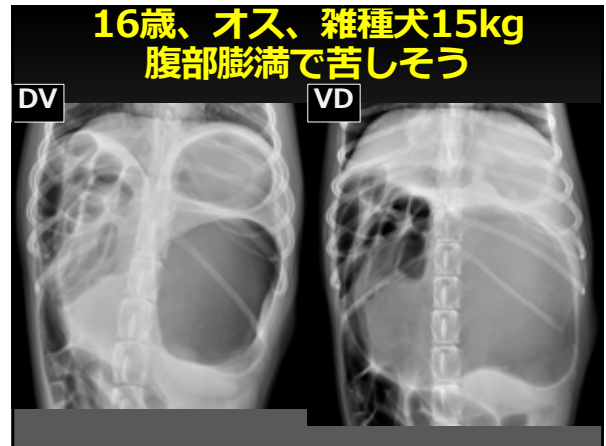
293



294



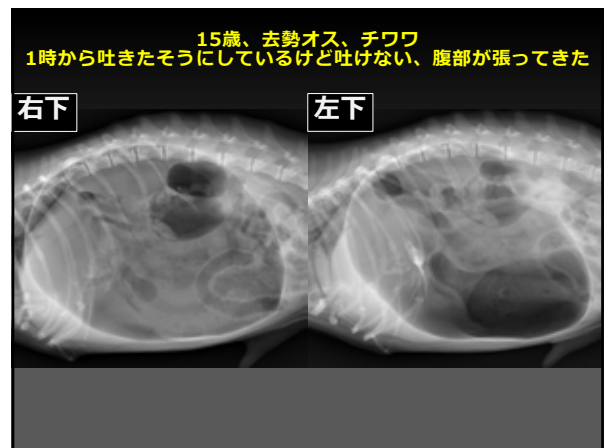
295



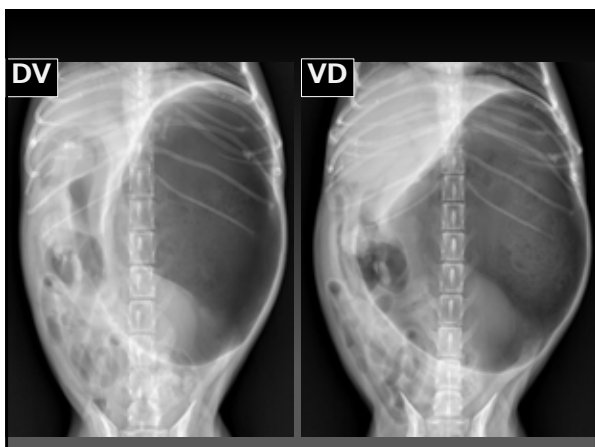
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297



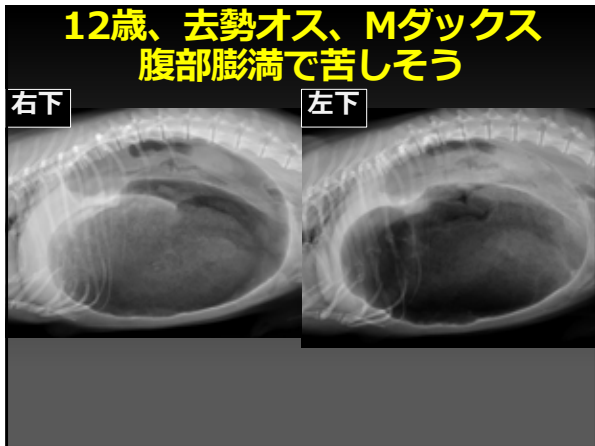
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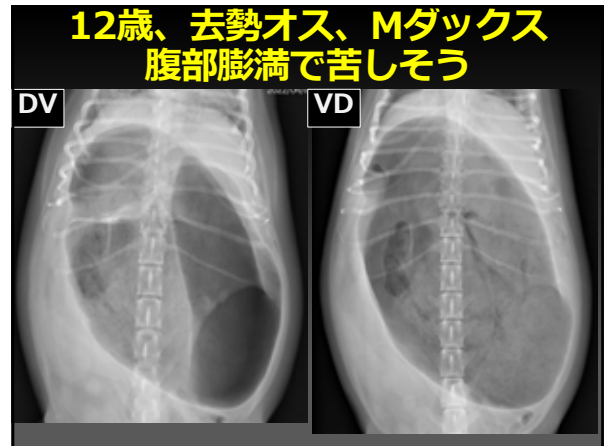
299



300



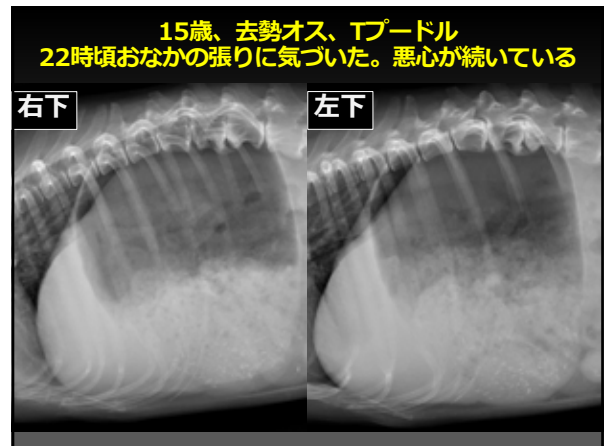
301



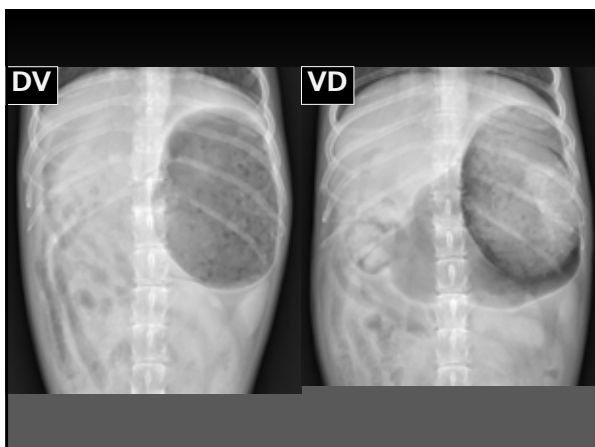
302



303



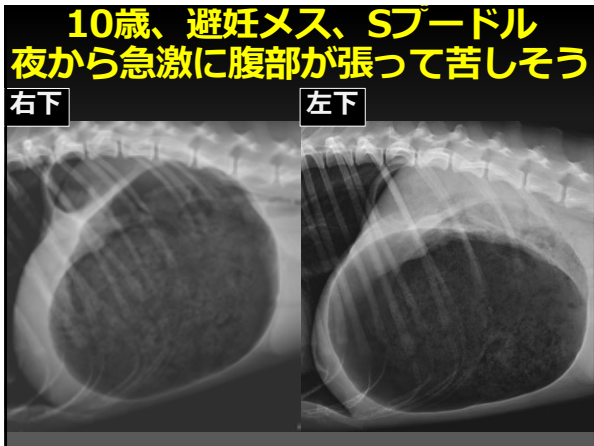
304



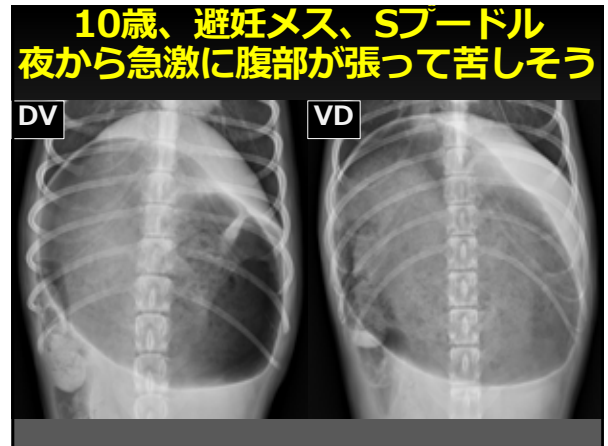
305



306



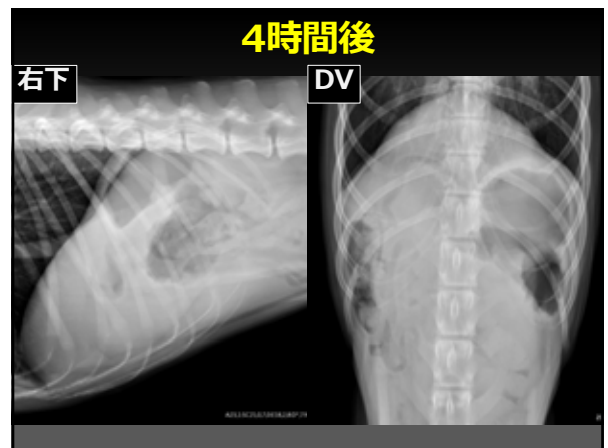
307



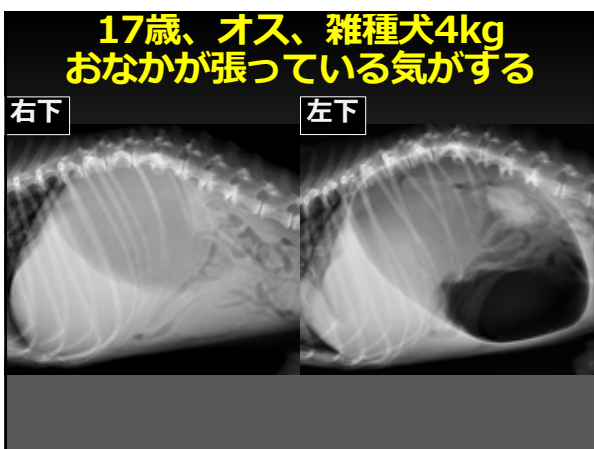
308



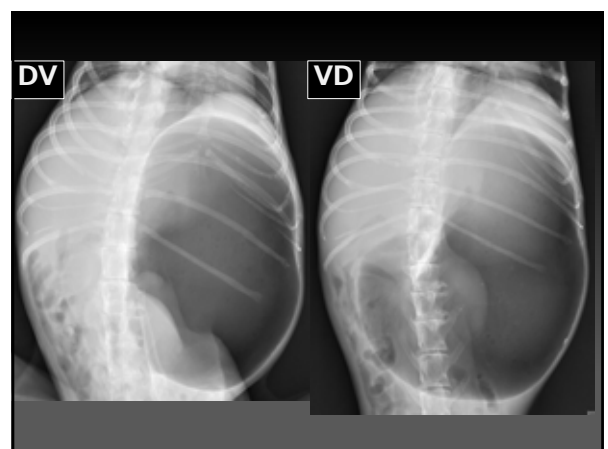
309



310



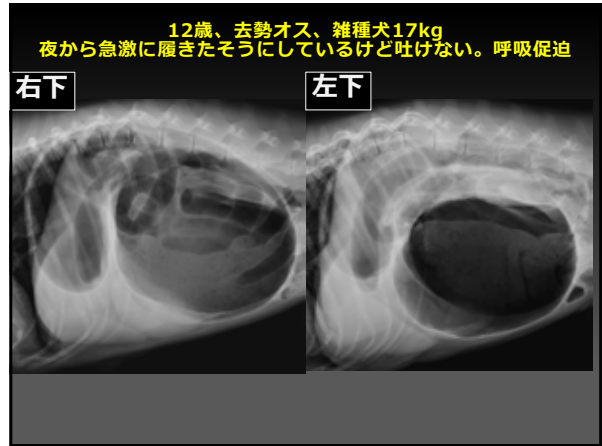
311



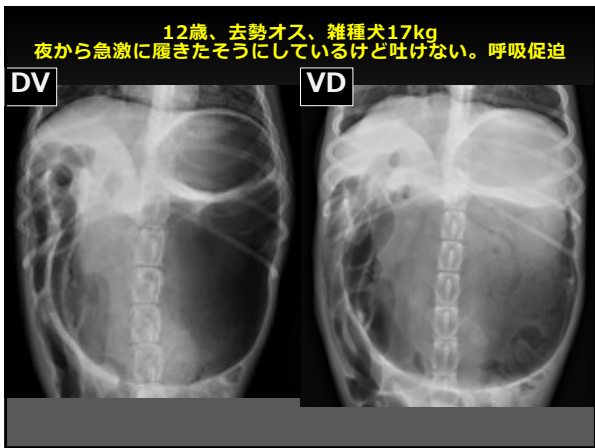
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313



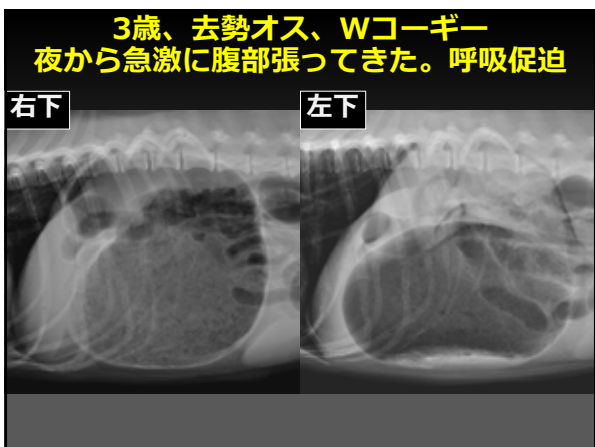
314



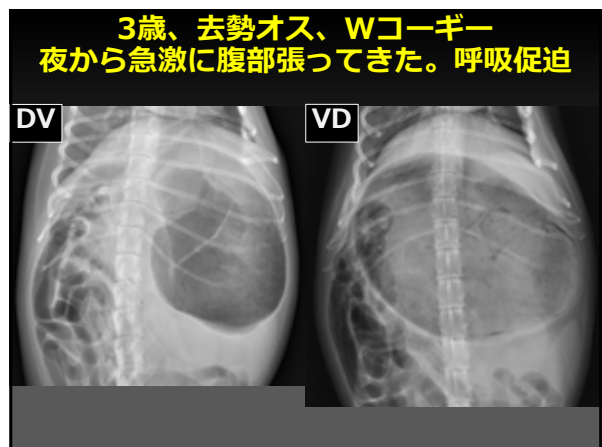
315



316



317



318

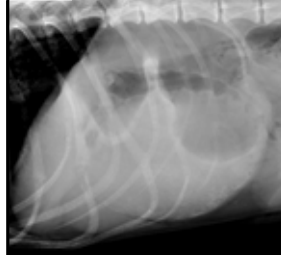
捻転してる

319

5時間後

右下

DV

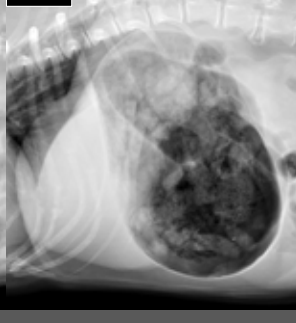
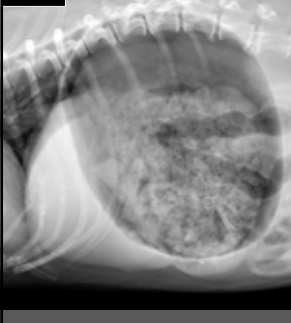


320

16歳、去勢オス、ダックス
22時頃から吐きたそうだけど吐けない

右下

左下



321

DV

VD



322

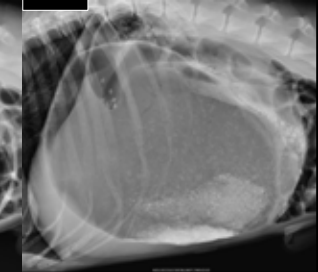
してない

323

7歳、オス、シェパード
夜から腹部膨満

右下

左下



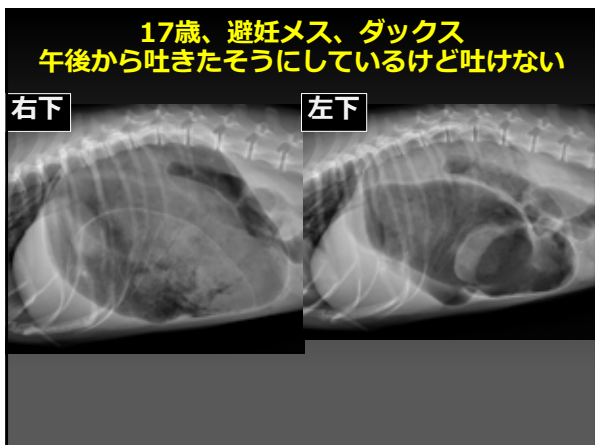
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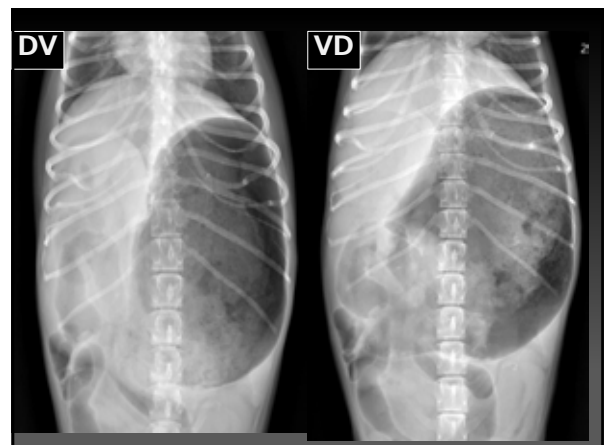
325



326



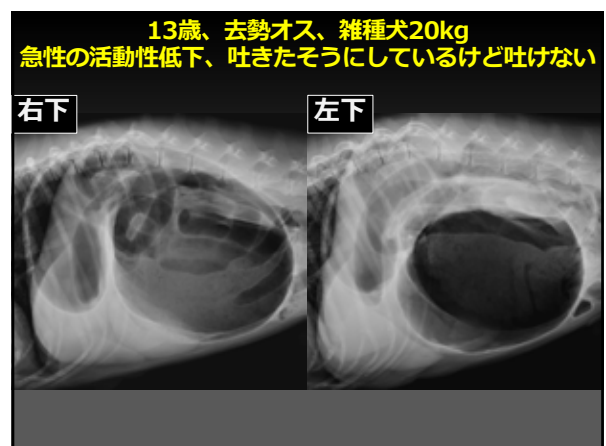
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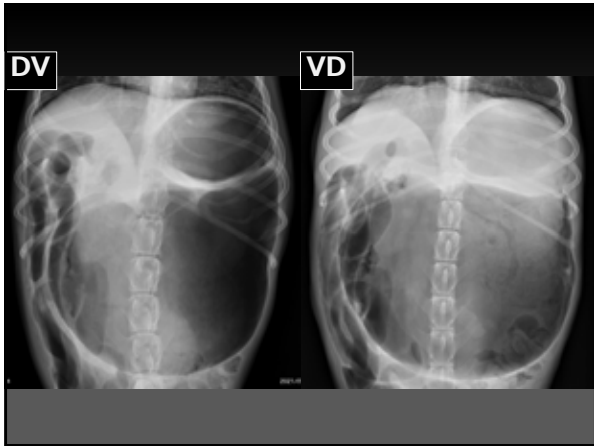
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329



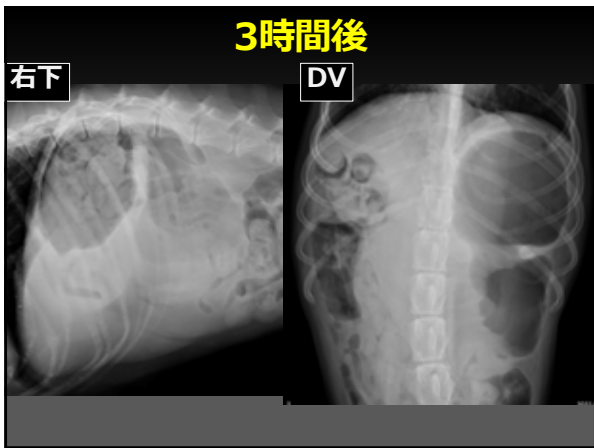
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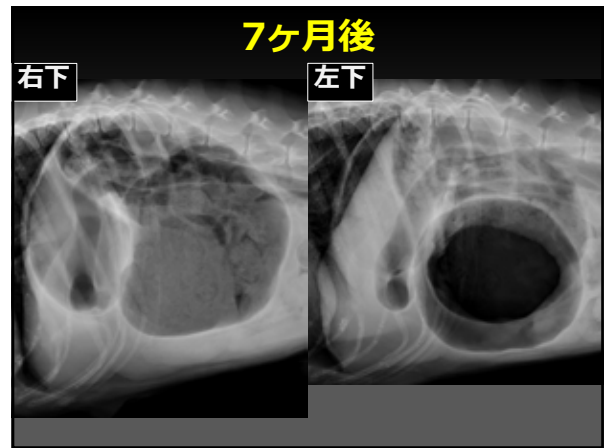
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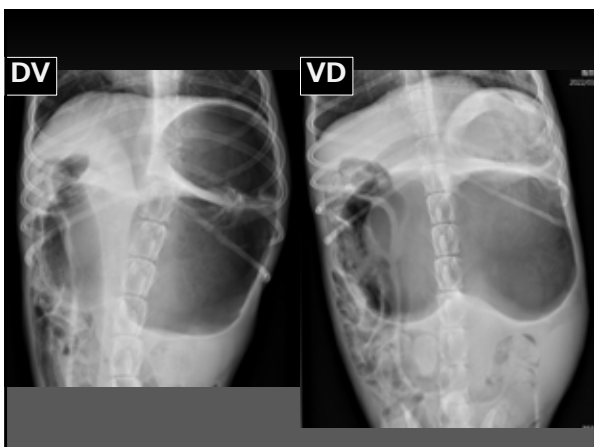
332



333



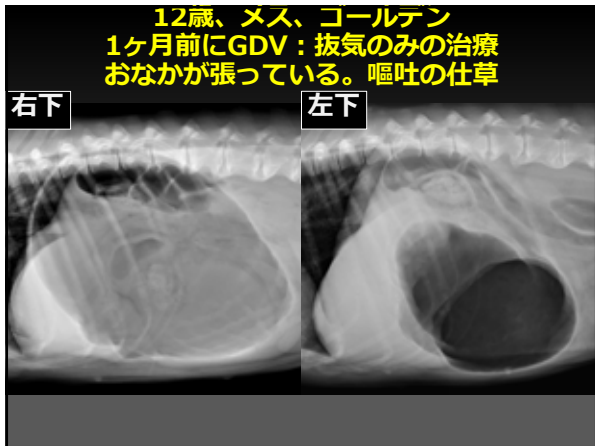
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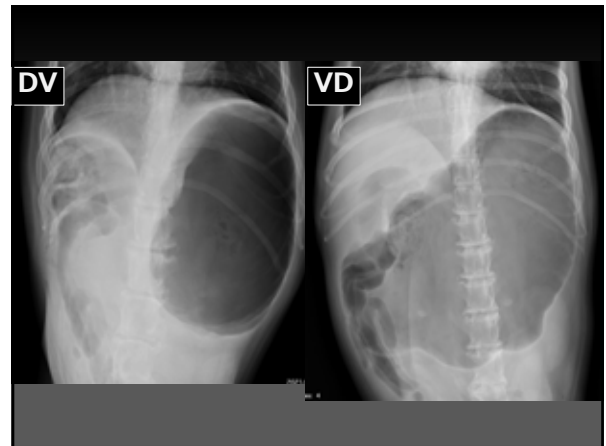
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336



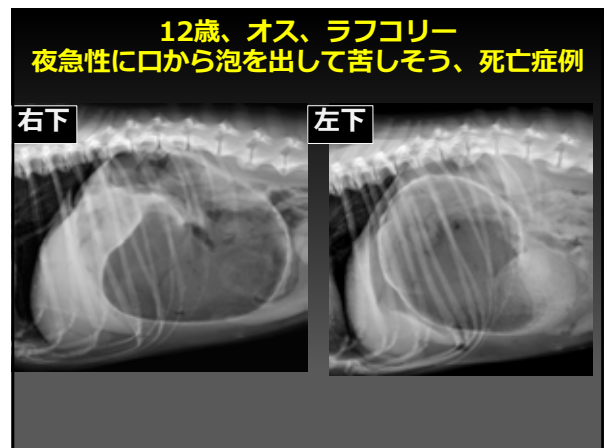
337



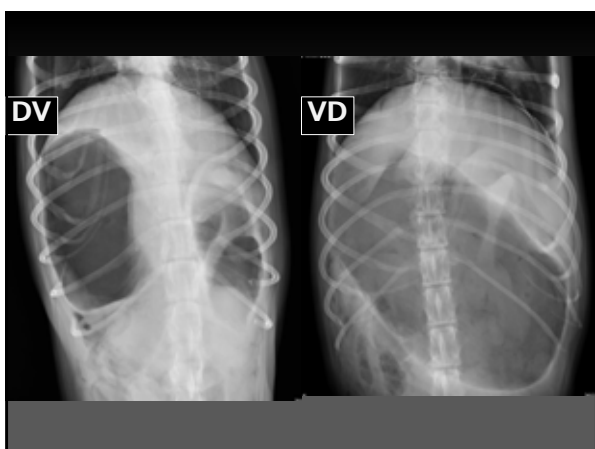
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339



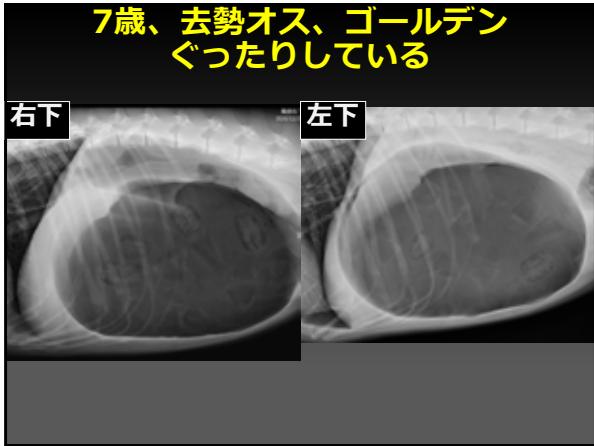
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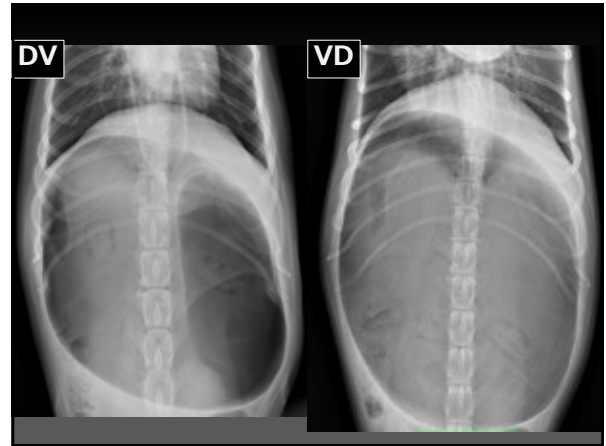
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342



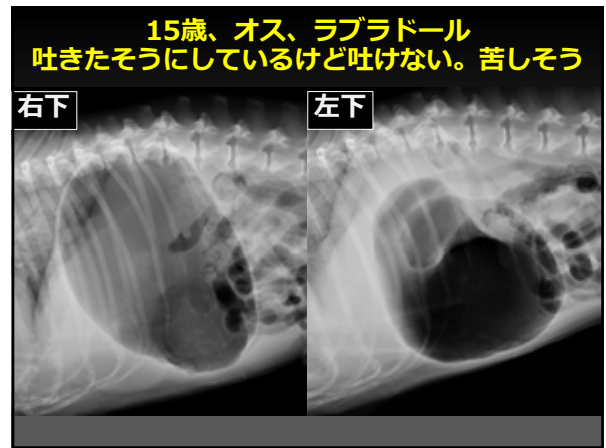
343



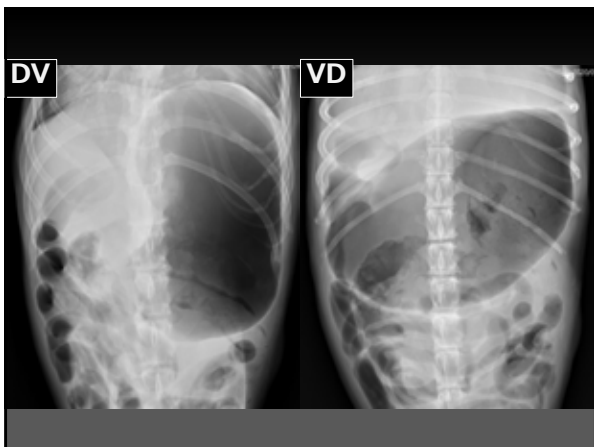
344



345



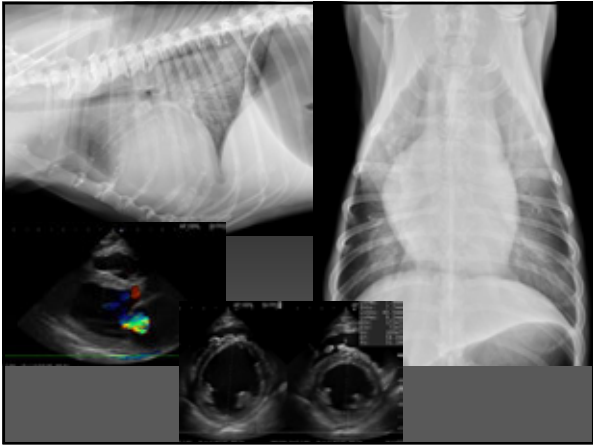
346



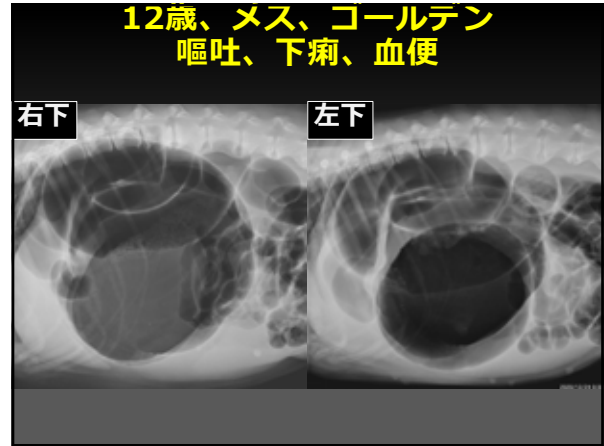
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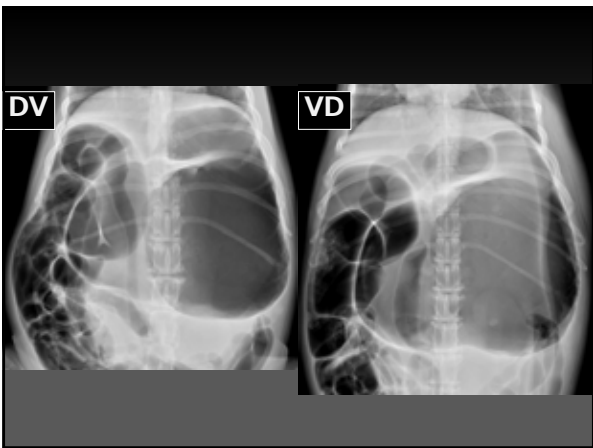
348



349



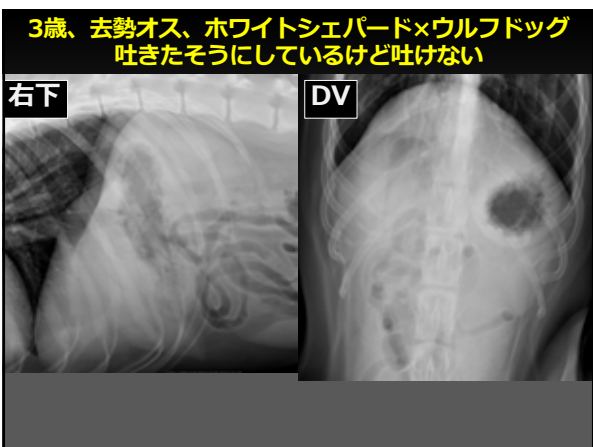
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351



352

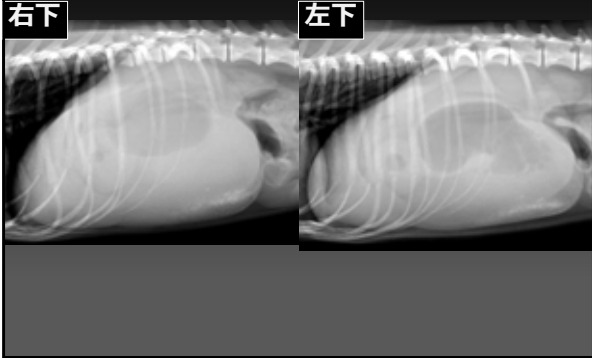


353

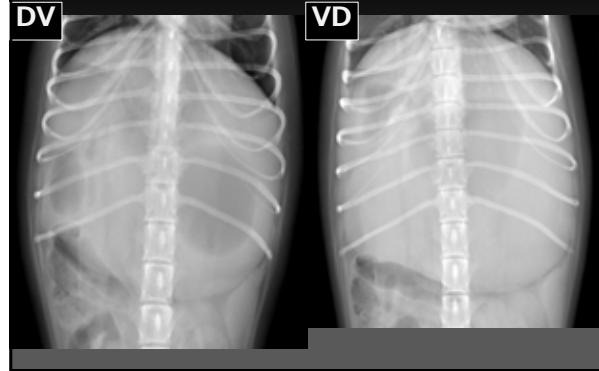


354

4歳、避妊メス、ダックス
嘔吐、震え、腹部が張ってきた



355

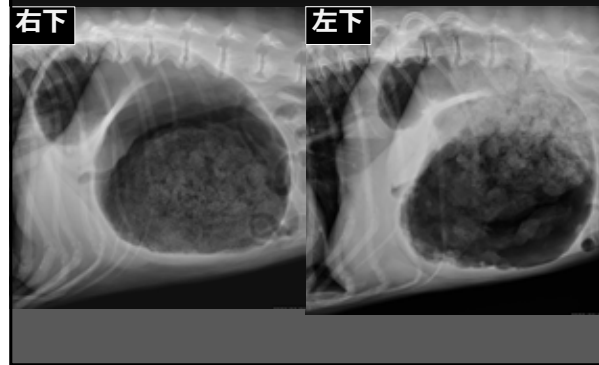


356

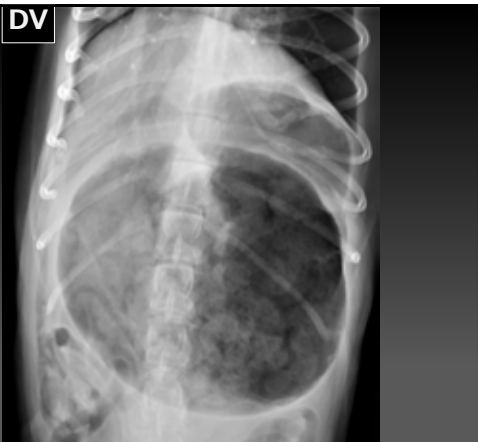
してない

357

11歳、去勢オス、Sフードル
吐きたそうにしているが吐けない



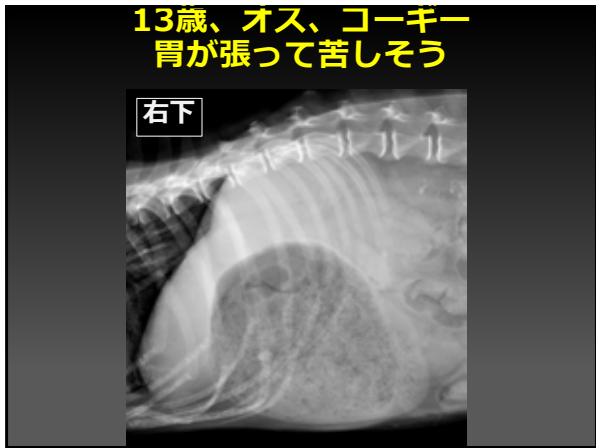
358



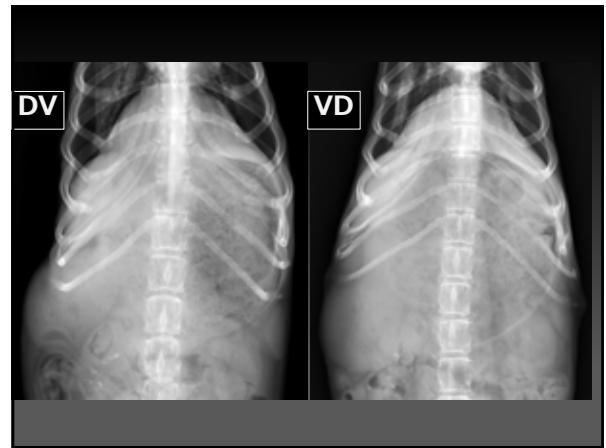
359

捻転してる

360



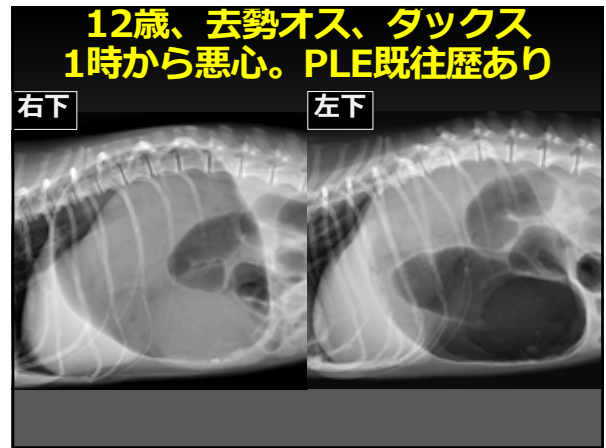
361



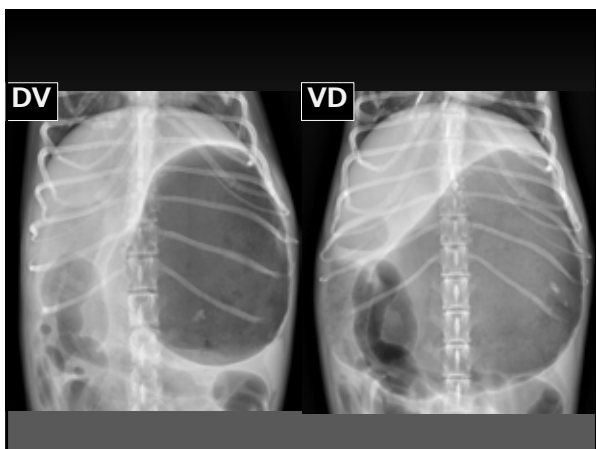
362



363



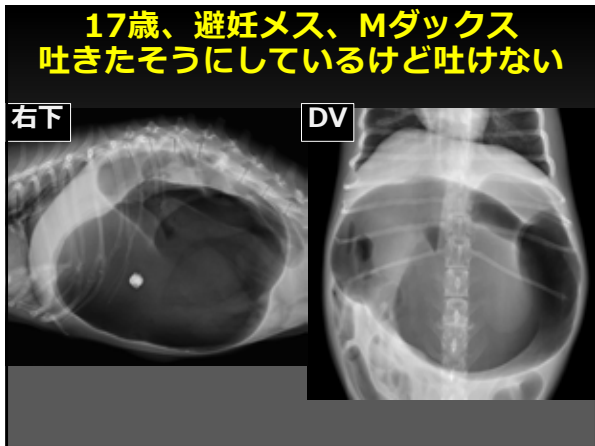
364



365



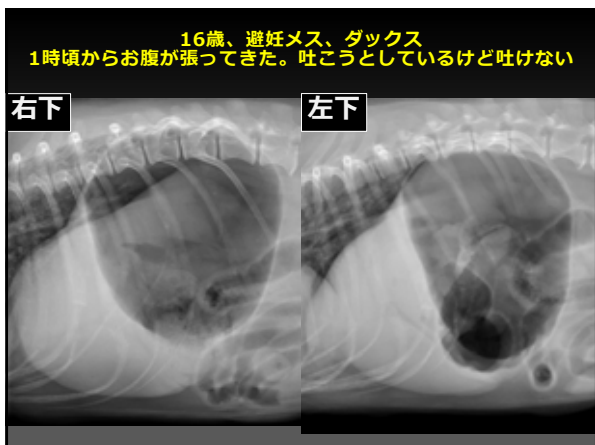
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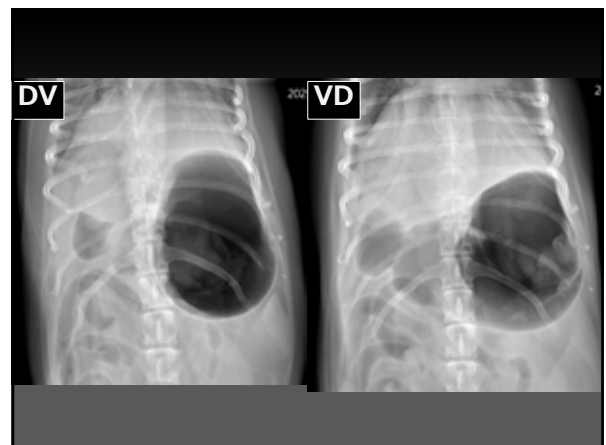
367



368



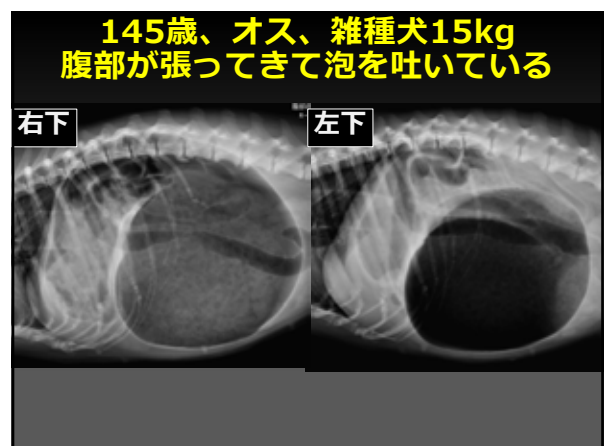
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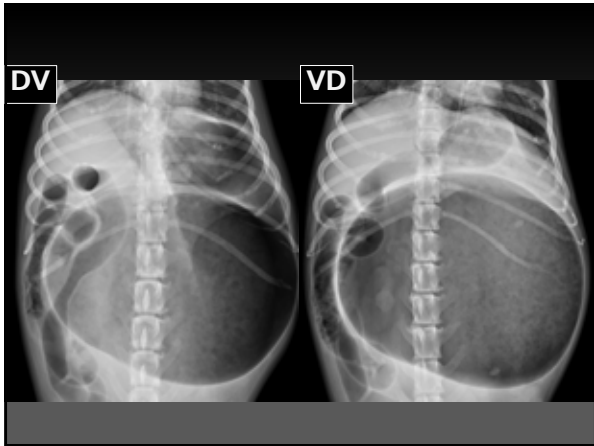
370



371



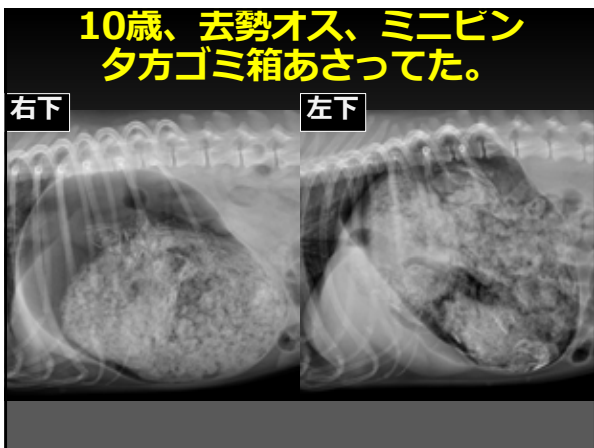
372



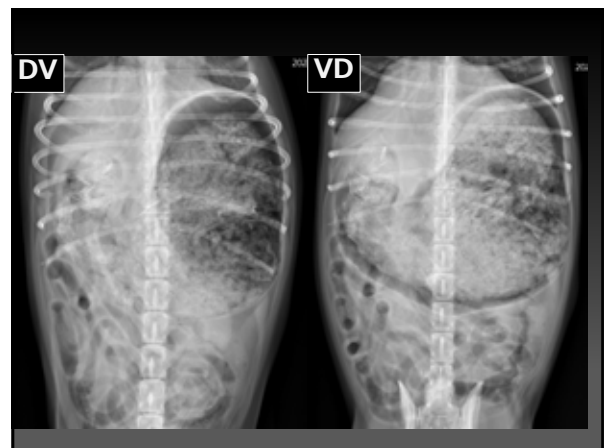
373



374



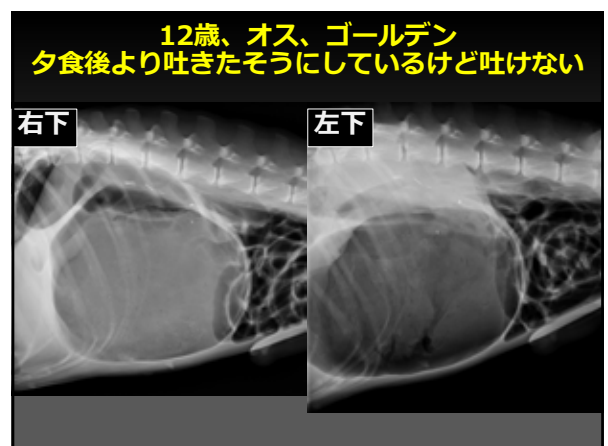
375



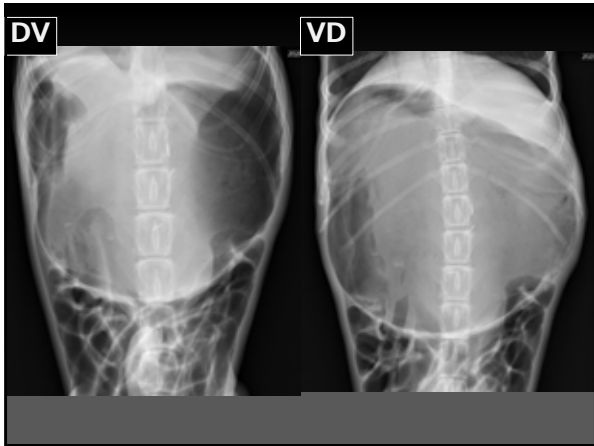
376



377



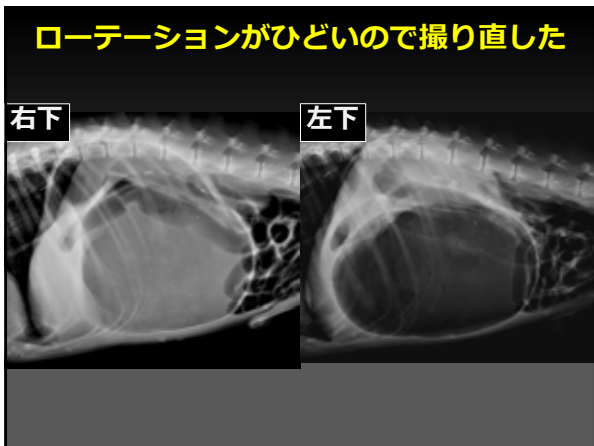
378



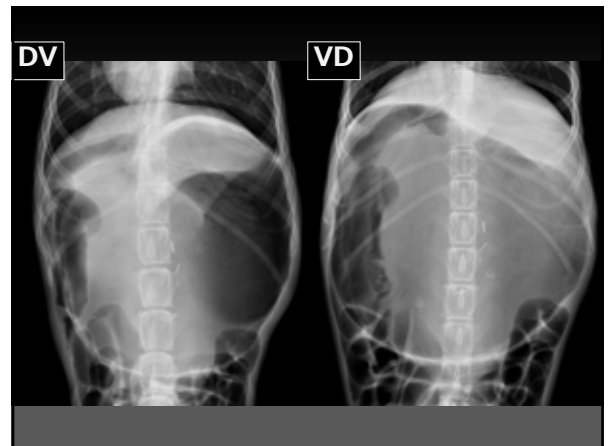
379



380



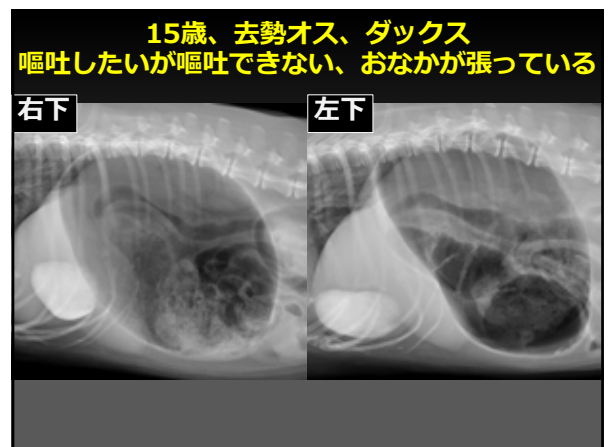
381



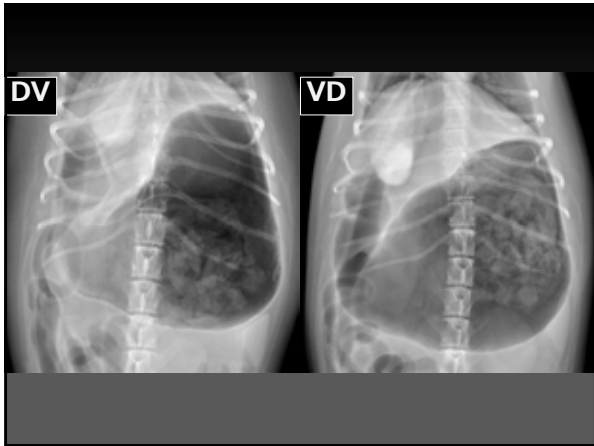
382



383



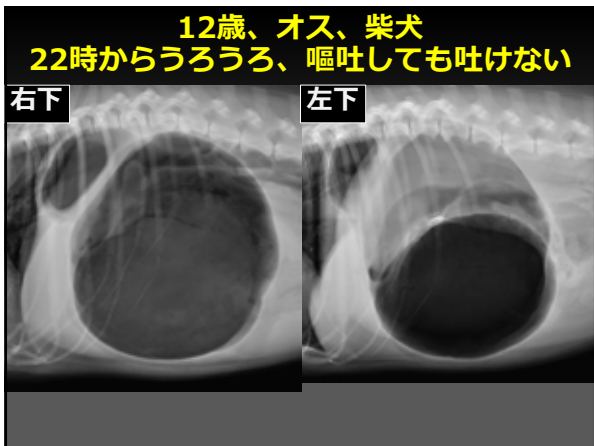
384



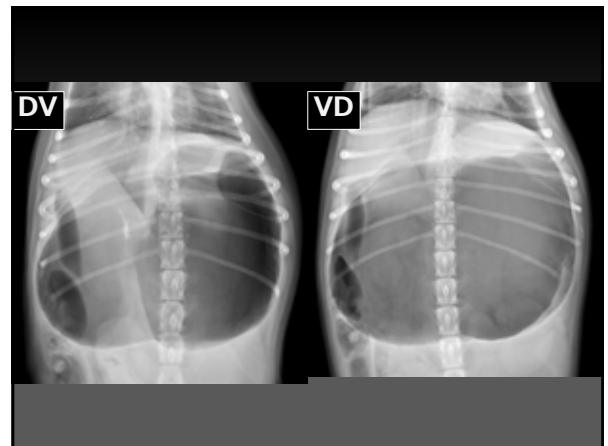
385



386



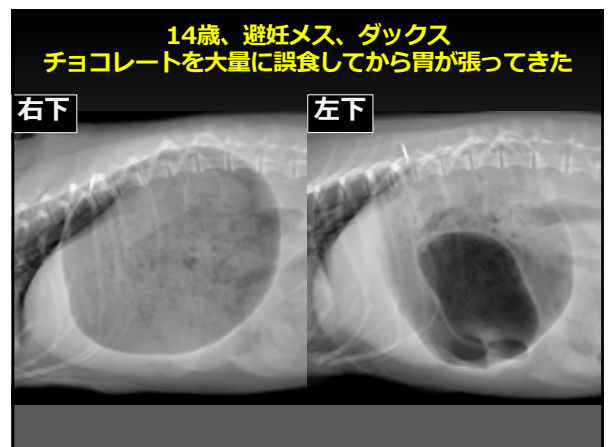
387



388



389



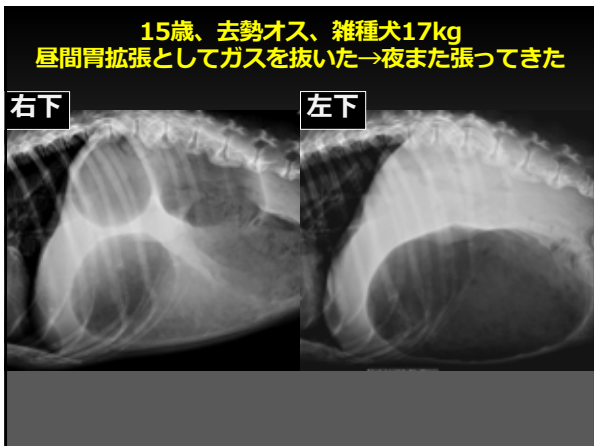
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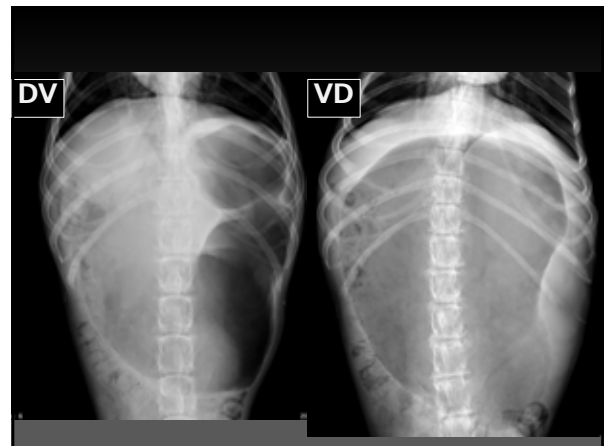
391



392



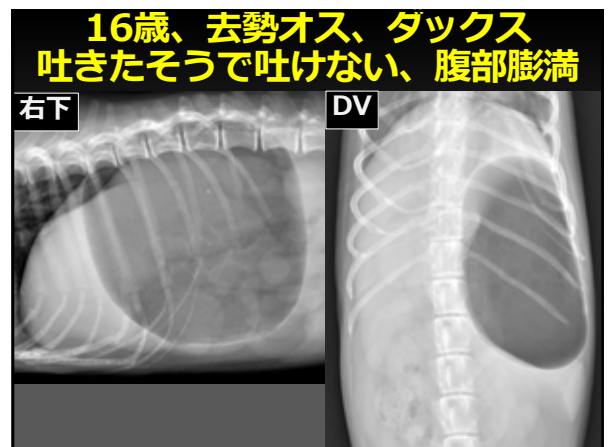
393



394



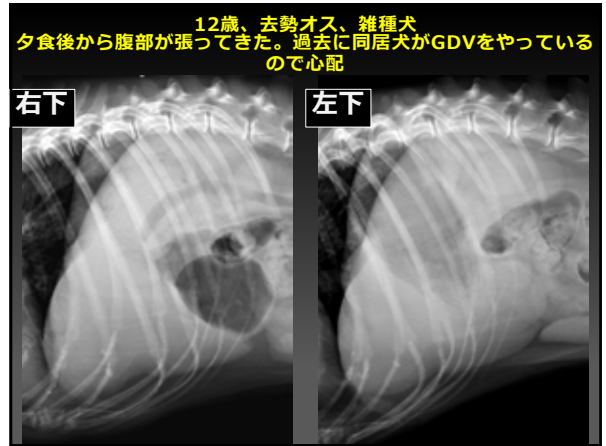
395



396



397



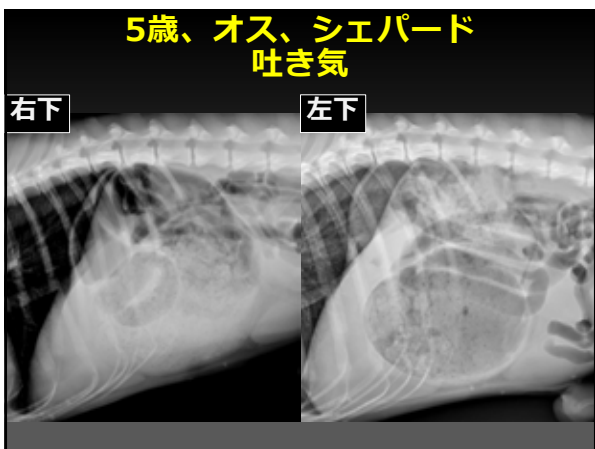
398



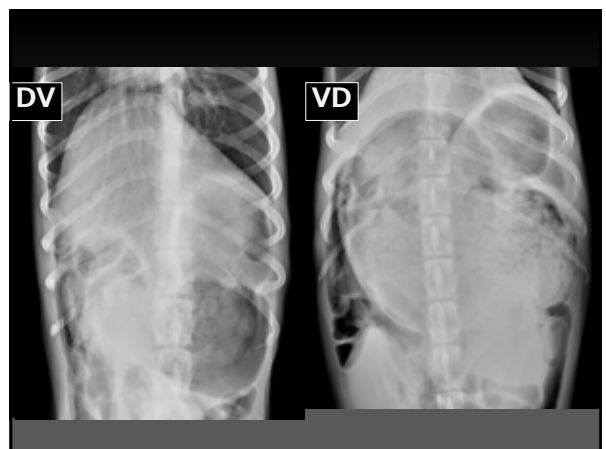
399



400



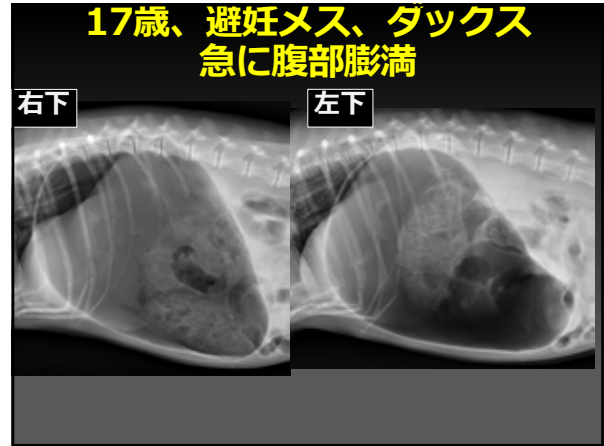
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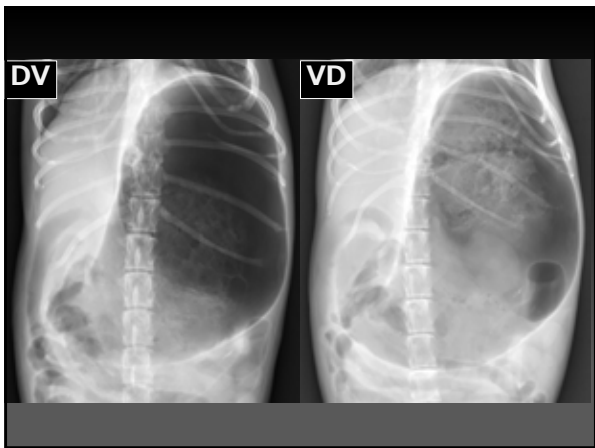
402



403



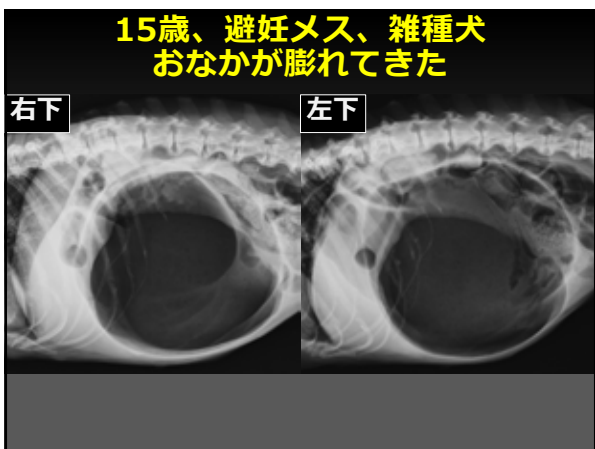
404



405



406



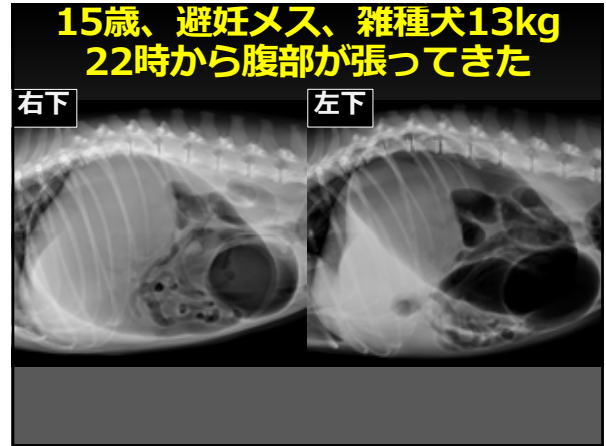
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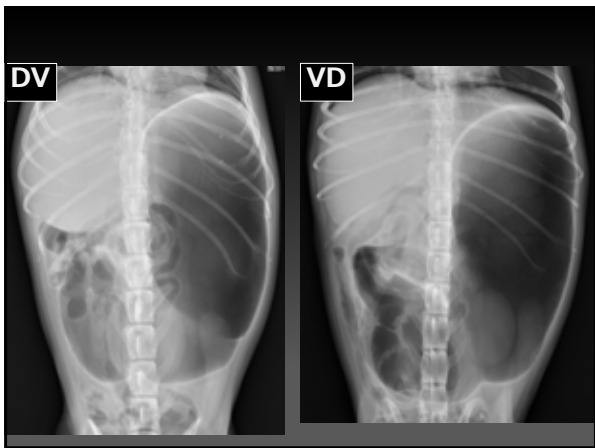
408



409



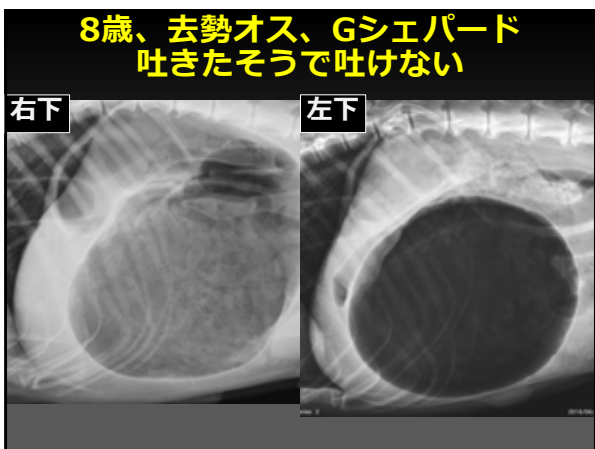
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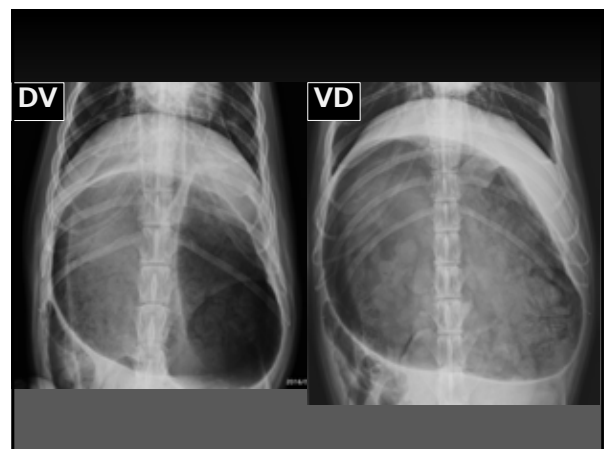
411



412



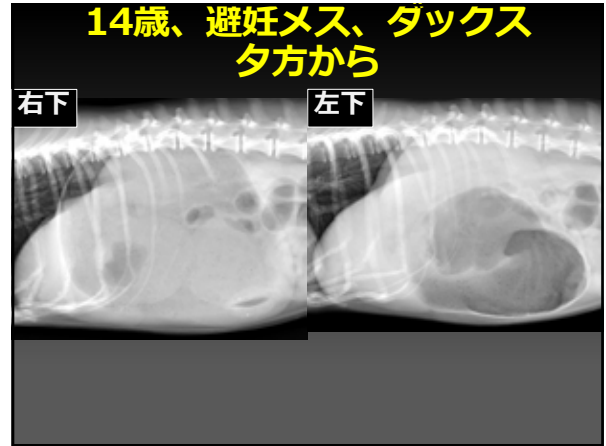
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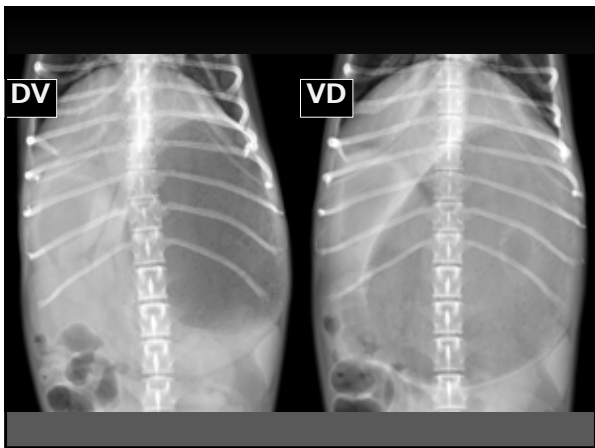
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415



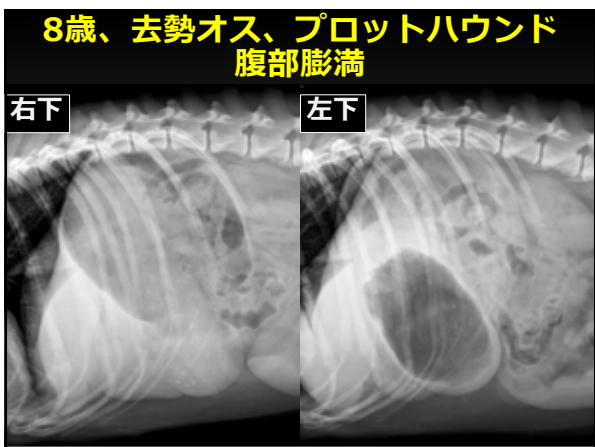
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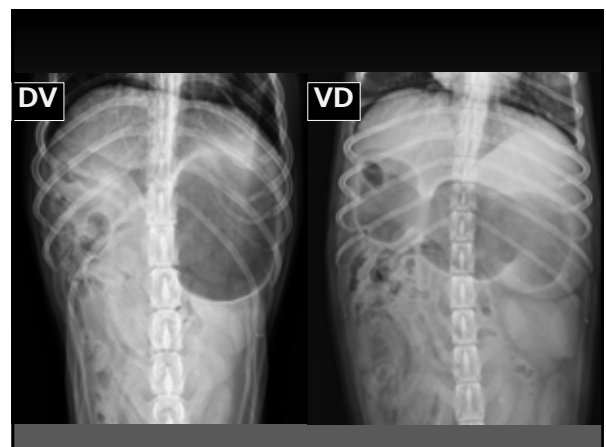
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418



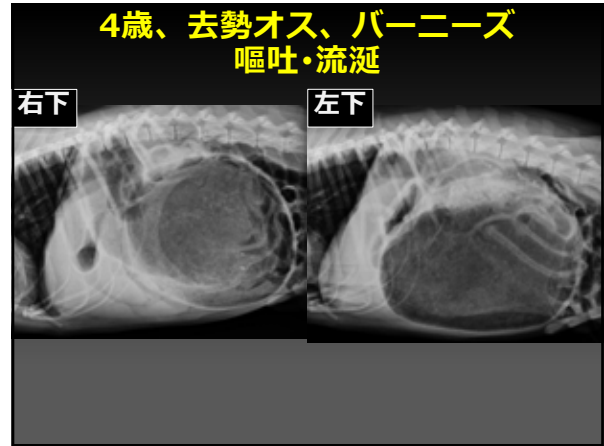
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420



421



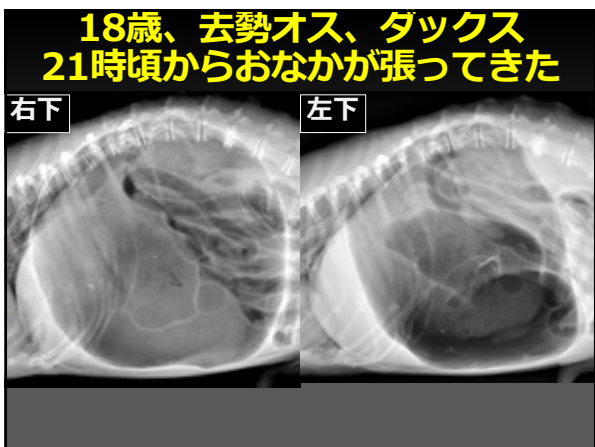
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423



424



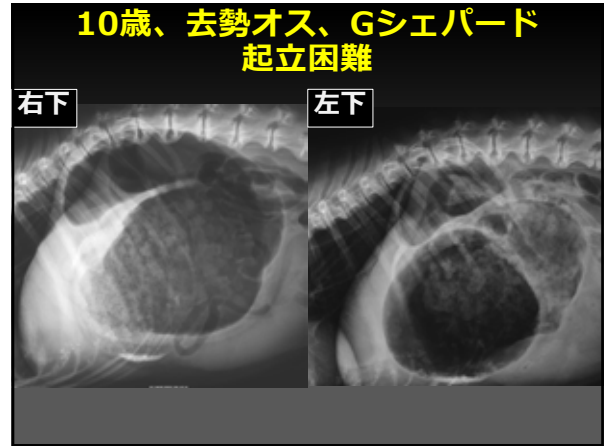
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426



427



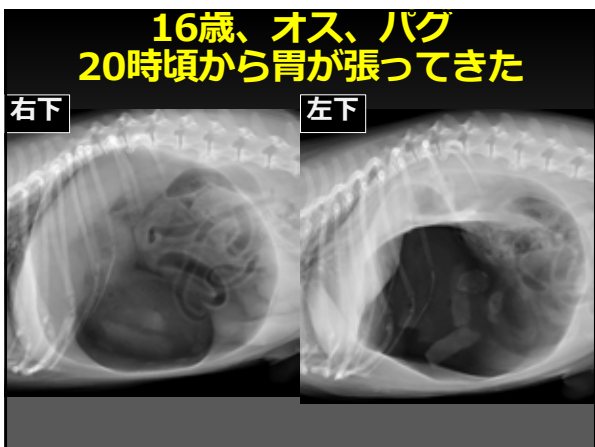
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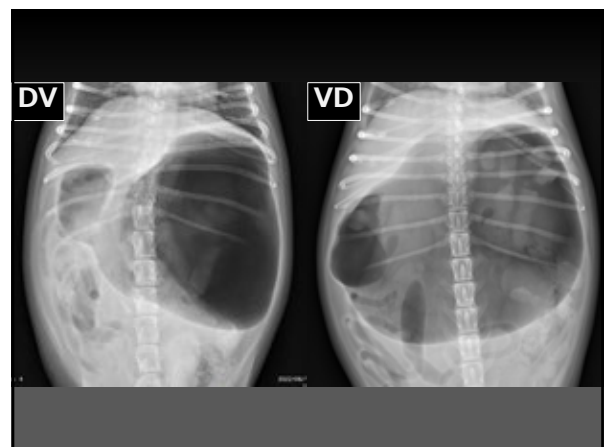
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430



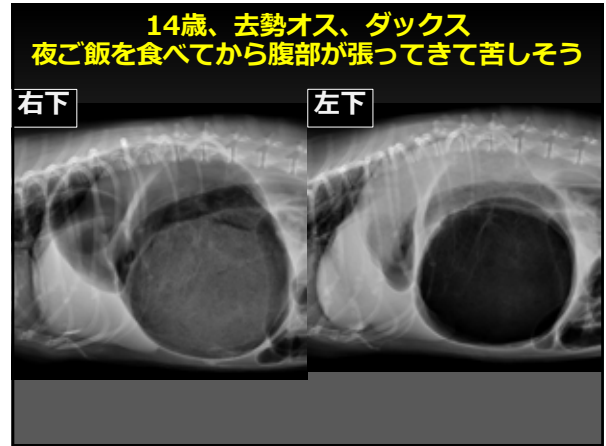
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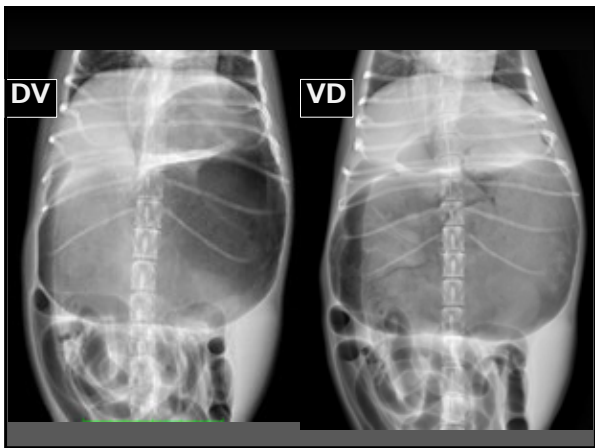
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433



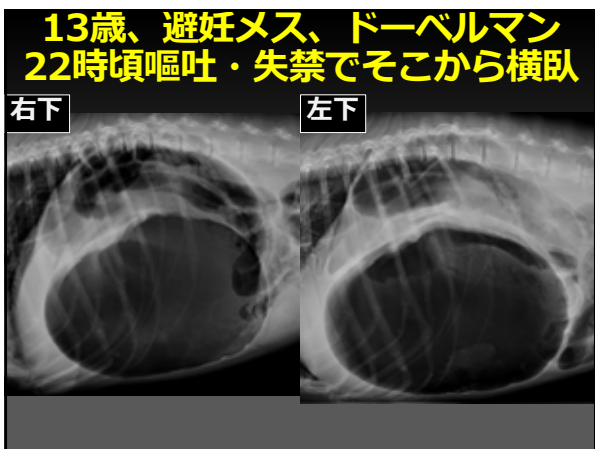
434



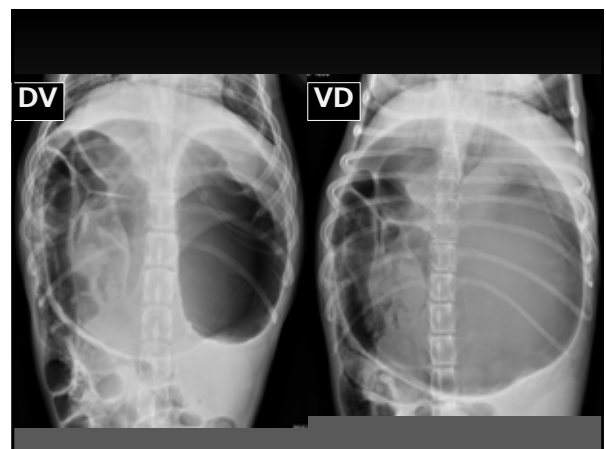
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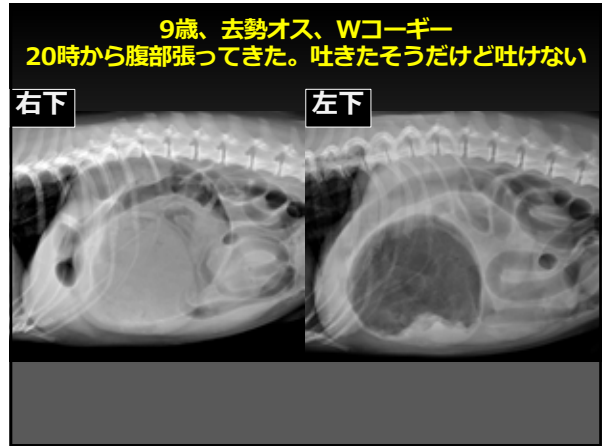
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438



439



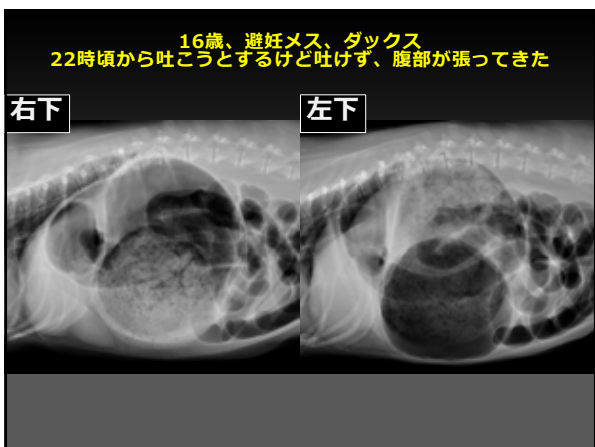
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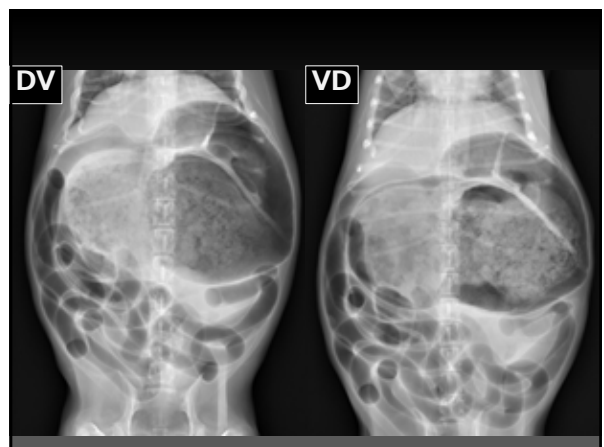
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442



443



444

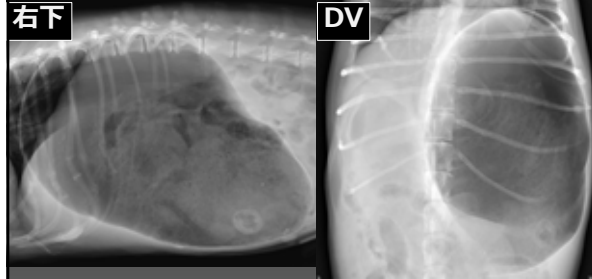
捻転してる

445

15歳、去勢オス、ダックス
誕生日でケーキをあげたらおなかが張って苦しそう

右下

DV



446

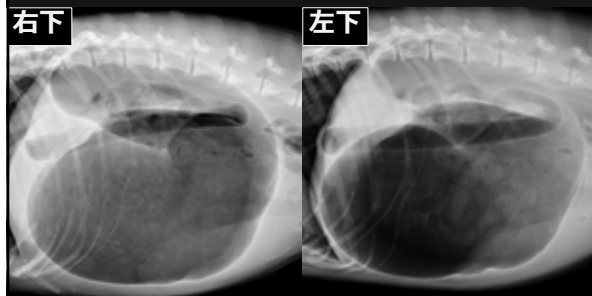
してない

447

13歳、避妊メス、雑種犬17kg
21時ご飯後から急におなかが張ってきた。吐きたくても吐けない。

右下

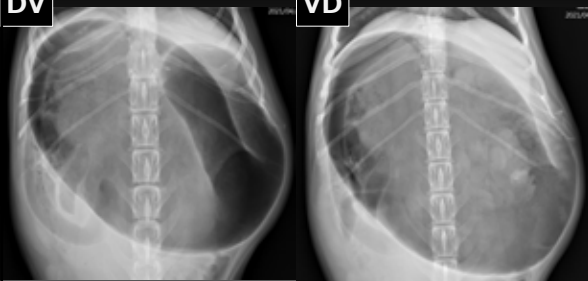
左下



448

DV

VD



449

捻転してる

450