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Swyer James Mcload syndrome imaging by means of SPECT-CT

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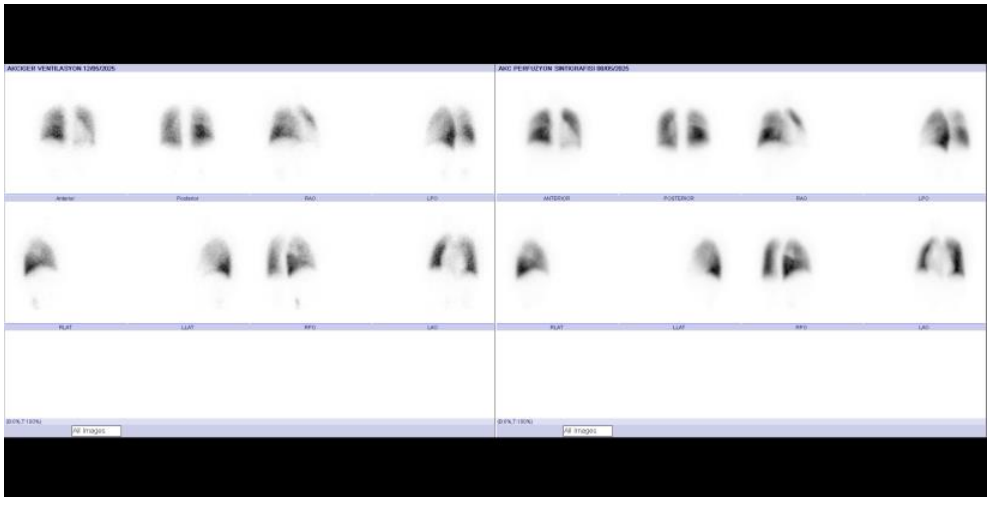
Abstract

Ventilation and perfusion imaging is the documented modality in Swyer James Mcload syndrome (SJMS) and we present a case with additonal SPECT-CT images firstly in the literature as far as we know.

***Keywords*:** *Swyer James Mcload syndrome, perfusion scintigraphy, SPECT-CT.*



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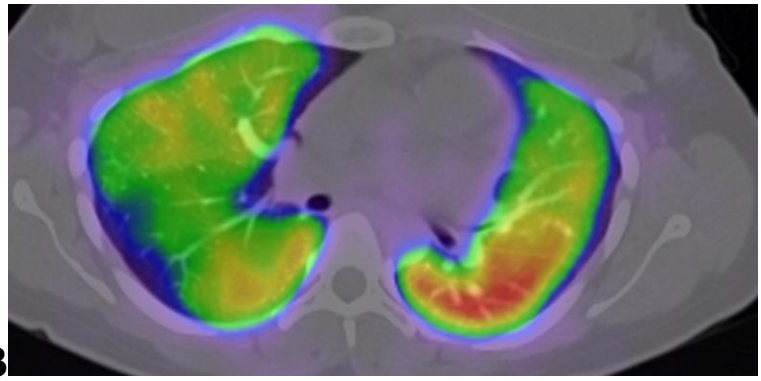

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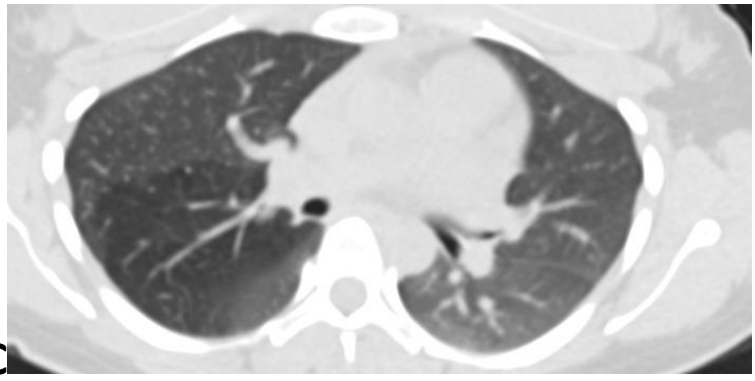

Figure 1. The axial images of Tc-99m macroaggregated albumin and ventilation planar (A) and SPECT/CT images (B) of a 27 year old female patient showing radiolucent area in right lung upper lobe posterior segment corresponding to the perfusion as well as ventilation defect as determined by the radiologist interpretation of SJMS in CT (C). There are several case reports as well as case series about the ventilation and perfusion imaging of SJMS in the literature (1-5). SPECT-CT imaging enables certain pathologies with correct correlation of the defects morphologic causes as demonstrated in this case report. This is the only case of SJMS as presented with SPECT-CT images in the literature as far as we know.

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Authorship Contributions

Concept: G.A., Z.P.K., P.P.Ö., K.E., F.D.A., **Design:** G.A., Z.P.K., P.P.Ö., K.E., F.D.A., **Supervision:** G.A., Z.P.K., P.P.Ö., K.E., F.D.A., **Data Collection and/or Processing:** G.A., **Analysis and/or Interpretation:** G.A., **Literature Review:** G.A., **Writer:** G.A.

Conflict of Interest: No conflict of interest was declared by the authors.

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