

Encapsulating Peritoneal Sclerosis

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| Keywords: | peritoneal dialysis, sclerosis, end-stage renal disease |
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Encapsulating Peritoneal Sclerosis

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4 A 50-year-old woman underwent peritoneal dialysis (PD) for 8 years. She had
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7 suffered from three episodes of PD-associated peritonitis in her PD vintage. She
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10 complained of intermittent abdominal fullness in the previous three months. The
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12 kidneys-ureters-bladder x-ray demonstrated diffuse peritoneal calcification (Picture 1).
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15 Abdominal computed tomography showed typical peritoneal calcification and a
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18 thickened intestinal wall in the peritoneal membrane (Picture 2).
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21 Encapsulating peritoneal sclerosis (EPS) is a rare but serious complication for
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24 patients with chronic PD. The clinical manifestation of the thickened and sclerosing
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27 peritoneum generally leads to ultrafiltration failure. Furthermore, recurrent peritonitis
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30 and extended duration of PD are considered to be risk factors for this problem (1).
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33 Bowel obstruction followed by malnutrition or mortality can occur in severe patients.
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36 Because of the poor prognosis of this disease (2), it is important to be aware of the
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39 possibility of EPS in a chronic PD patient with repeated peritonitis and ultrafiltration
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42 failure.
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48 **The authors state that they have no Conflict of Interest (COI)**
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picture 1
69x38mm (300 x 300 DPI)

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