

## Effects of exercise training on patients with CKD

### Literatur 2010

1. Afshar R, Shegarfy L, Shavandi N, et al.: Effects of aerobic exercise and resistance training on lipid profiles and inflammation status in patients on maintenance hemodialysis. <i>Indian J Nephrol</i> 2010;20:185-189
2. Balakrishnan VS, Rao M, Menon V, et.al.: Resistance training increases muscle mitochondrial biogenesis in patients with chronic kidney disease. <i>Clin J Am Soc Nephrol</i> . 2010 Jun;5(6):996-1002. Epub 2010 May 24.
3. Bennett PN, Breugelmans L, Barnard R, Agius M, Chan D, Fraser D, McNeill L, Potter L: Sustaining a hemodialysis exercise program: a review. <i>Semin Dial</i> . 2010 Jan-Feb;23(1):62-73
4. Beto J.: Improving first-year mortality in patients on dialysis: a focus on nutrition and exercise. <i>Nephrol Nurs J</i> . 2010 Jan-Feb;37(1):61-5, 98.
5. Bohm CJ, Ho J, Duhamel TA.: Regular physical activity and exercise therapy in end-stage renal disease: how should we move forward? <i>J Nephrol</i> . 2010 May-Jun;23(3):235-43.
6. Chang Y, Cheng SY, Lin M,: The effectiveness of intradialytic leg ergometry exercise for improving sedentary life style and fatigue among patients with chronic kidney disease: a randomized clinical trial. <i>Int J Nurs Stud</i> . 2010 Nov;47(11):1383-8. Epub 2010 May 26.
7. Cheema B, Abas H, Smith B, O'Sullivan AJ, Chan M, Patwardhan A, Kelly J, Gillin A, Pang G, Lloyd B, Berger K, Baune BT, Singh MF. Investigation of skeletal muscle quantity and quality in end-stage renal disease. <i>Nephrology (Carlton)</i> . 2010 Jun;15(4):454-63. doi: 10.1111/j.1440-1797.2009.01261.x. PubMed PMID: 20609098
8. Chen JL, Godfrey S, Ng TT, et al.: Effect of intra-dialytic, low-intensity strength training on functional capacity in adult haemodialysis patients: a randomized pilot trial. <i>Nephrol Dial Transplant</i> . 2010 Jun;25(6):1936-43. Epub 2010 Jan 25.
9. Chen PY, Huang YC, Kao YH, Chen JY.: Effects of an exercise program on blood biochemical values and exercise stage of chronic kidney disease patients. <i>J Nurs Res</i> . 2010 Jun;18(2):98-107.
10. Clapp EL, Bevington A, Smith AC.: Exercise for children with chronic kidney disease and end-stage renal disease. <i>Pediatr Nephrol</i> . 2011 Jan 14.

<p>11. Coelho BL1, Rocha LG, Scarabelot KS, Scheffer DL, et al.: Physical exercise prevents the exacerbation of oxidative stress parameters in chronic kidney disease. <i>J Ren Nutr.</i> 2010 May;20(3):169-75. doi: 10.1053/j.jrn.2009.10.007. Epub 2010 Mar 3.</p>
<p>12. Glover EI, Phillips SM. Resistance exercise and appropriate nutrition to counteract muscle wasting and promote muscle hypertrophy. <i>Curr Opin Clin Nutr Metab Care.</i> 2010 Nov;13(6):630-4.</p>
<p>13. Greenwood S.: The role of the physiotherapist in the renal unit. <i>J Renal Nurs.</i> 2010;2:292-295</p>
<p>14. Henrique DM, Reboredo Mde M, Chaoubah A, Paula RB: Aerobic exercise improves physical capacity in patients under chronic hemodialysis. <i>Arq Bras Cardiol.</i> 2010 Jun;94(6):823-8. Epub 2010 May 28.</p>
<p>15. Johansen KL, Chertow GM, Kutner NG, et al.: Low level of self-reported physical activity in ambulatory patients new to dialysis. <i>Kidney Int.</i> 2010 Dec;78(11):1164-70. Epub 2010 Sep 1.</p>
<p>16. Johansen KL, Finkelstein FO, Revicki DA et al.: Systematic review and meta-analysis of exercise tolerance and physical functioning in dialysis patients treated with erythropoiesis-stimulating agents. <i>Am J Kidney Dis.</i> 2010 Mar;55(3):535-48. Epub 2010 Feb 4.</p>
<p>17. Kagaya A, Ohmori F, Okuyama S, Muraoka Y, Sato K.: Blood flow and arterial vessel diameter change during graded handgrip exercise in dominant and non-dominant forearms of tennis players. <i>Adv Exp Med Biol.</i> 2010;662:365-70.</p>
<p>18. Koh KP, Fassett RG, Sharman JE, Coombes JS, Williams AD.: Effect of intradialytic versus home-based aerobic exercise training on physical function and vascular parameters in hemodialysis patients: a randomized pilot study. <i>Am J Kidney Dis.</i> 2010 Jan;55(1):88-99. Epub 2009 Nov 22</p>
<p>19. Kosmadakis GC, Bevington A, Smith AC et al.: Physical exercise in patients with severe kidney disease. <i>Nephron Clin Pract.</i> 2010;115(1):c7-c16. Epub 2010 Feb 19.</p>
<p>20. Koufaki P(1), Kouidi E.: Current best evidence recommendations on measurement and interpretation of physical function in patients with chronic kidney disease. <i>Sports Med.</i> 2010 Dec 1;40(12):1055-74. doi: 10.2165/11536880-000000000-00000.</p>
<p>21. Kouidi E, Karagiannis V, Grekas D, Iakovides A, Kaprinis G, Tourkantonis A, Deligiannis A.: Depression, heart rate variability, and exercise training in dialysis patients. <i>Eur J Cardiovasc Prev Rehabil.</i> 2010 Apr;17(2):160-7</p>

<p>22. Kumar S, Seward J, Wilcox A et al.: Influence of muscle training on resting blood flow and forearm vessel diameter in patients with chronic renal failure. <i>Br J Surg.</i> 2010 Jun;97(6):835-8.</p>
<p>23. Mac Laughlin HL, Cook SA, kariyawasam D et al.: Nonrandomized trial of weight loss with orlistat, nutrition education, diet, and exercise in obese patients with CKD: 2 year follow up. <i>Am J Kidney Dis</i> 2010;55:69-76</p>
<p>24. Mustata S, Groeneveld S, Davidson W. et al.: Effects of exercise training on physical impairment, arterial stiffness and health-related quality of life in patients with chronic kidney disease: a pilot study. <i>Int Urol Nephrol.</i> 2010 Sep 15. [</p>
<p>25. Nonoyama ML, Brooks D, Ponikvar A, Jassal SV, Kontos P, Devins GM, Spanjevic L, Heck C, Laprade J, Naglie G. Exercise program to enhance physical performance and quality of life of older hemodialysis patients: a feasibility study. <i>Int Urol Nephrol.</i> 2010 Dec;42(4):1125-30</p>
<p>26. Reboredo Mde M, Henrique DM, Faria Rde S, et al.: Exercise training during hemodialysis reduces blood pressure and increases physical functioning and quality of life. <i>Artif Organs.</i> 2010 Jul;34(7):586-93. Epub 2010 May 21.</p>
<p>27. Segura-Orti E, Johansen KL.: Exercise in end-stage renal disease. <i>Semin Dial.</i> 2010 Jul-Aug;23(4):422-30.</p>
<p>28. Segura-Ortí E.: Exercise in haemodialysis patients: a literature systematic review. <i>Nefrologia.</i> 2010;30(2):236-46. doi: 10.3265/Nefrologia.pre2010.Jan.10229. Epub 2010 Jan 21.</p>
<p>29. Tentori F, Elder SJ, Thumma J, et al.: Physical exercise among participants in the Dialysis Outcomes and Practice Patterns Study (DOPPS): correlates and associated outcomes. <i>Nephrol Dial Transplant.</i> 2010 Sep;25(9):3050-62. Epub 2010 Apr 13.</p>
<p>30. Wilund KR, Tomayko EJ, WU PT et al: Intradialytic exercise training reduces oxidative stress and epicardial fat: A pilot study. <i>Nephrol Dial Transplant</i> 2010;25:2695-2701</p>
<p>31. Workeneh BT, Mitch WE.: Review of muscle wasting associated with chronic kidney disease. <i>Am J Clin Nutr.</i> 2010 Apr;91(4):1128S-1132S. Epub 2010 Feb 24.</p>