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**Clinical profile of patients with chronic kidney disease under hemodialysis in BPKIHS****Bijay Bartaula, Mishra K M, Shrestha M and Bichha N**  
BPKIHS, Nepal

**Background:** Study was conducted to see the clinical profile of patients with chronic kidney disease under hemodialysis. The number of patients with chronic kidney disease is increasing in developing countries as well because of the increased prevalence of diabetes and other risk factors. Likewise the number of hemodialysis cases will increase in Nepal because of the government policy to make hemodialysis free for chronic kidney disease.

**Objectives:** The objective is to study the clinical profile of patients with chronic kidney disease under hemodialysis and to know common complications in hemodialysis and its associated factors.

**Materials & Methods:** Hospital based prospective cross-sectional study performed in dialysis of BPKIHS over 4 weeks. Sixty two patients with chronic kidney disease undergoing maintenance hemodialysis were enrolled.

**Results:** Median age of patient was 50 years with male (61.3%) and female (38.7%). 41.9% had hypertension and 38.7% diabetes in the past. Diabetic nephropathy (37.1%) followed by hypertensive nephropathy (30.6%) and chronic glomerulonephritis (20.6%) were the predominant causes of chronic kidney disease. Maximum patients were getting twice weekly (37.1%) dialysis followed by weekly (30.6%) and every 2 weeks (21%). Commonest complications during dialysis were chills and rigor, backache, hypotension and chest pain respectively. The study showed increasing age was associated with more complications during dialysis with maximum complications (59.3%) in 41-60 years with p value of 0.013. Similarly complications were more in female than male (p=0.574). Complications increased with decrease frequency of dialysis maximum with irregular dialysis (P=0.30).

**Conclusions:** Complications during hemodialysis is common and mostly manageable if intervened timely and is associated with age, gender and frequency of dialysis.

**Biography**

Bijay Bartaula is an Assistant Professor at the Department of Internal Medicine, BPKIHS, Dharan, Nepal.

bijaybartaula@gmail.com

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