A cross-sectional study was conducted on 150 working females of Multan having plantar fasciitis, to find out the level of pain and difficulty. The duration for this study was six months after the approval of the synopsis. The working ladies of age 30-50 years having a minimum of five years of experience, were selected to figure out the pain and difficulty level that is present. Plantar fasciitis is a disorder of the insertion site of the ligament on the bone characterized by micro tears, breakdown of collagen, and scarring. The plantar fascia plays an important role in the normal biomechanics of the foot and is composed of three segments, all of which arise from the calcaneus. The fascia itself is important in providing support for the arch and providing shock absorption [1]. Plantar fasciitis, a chronic degenerative process that causes medial plantar heel pain, is responsible for approximately 1 million physician visits each year [2]. In America, two million people receive the treatment for plantar fasciitis each year [3]. When plantar fasciitis occurs, the pain is typically sharp and usually unilateral (70% of cases). Bearing weight on the heel after long periods of rest worsens heel pain in affected individuals. Individuals with plantar fasciitis often report their symptoms are most intense during their first steps after getting out of bed or after prolonged periods of sitting. Symptoms typically improve with continued walking. Common symptoms include numbness, tingling, swelling, or radiating pain. Typically, there are no fevers or night sweats [4]. Since inflammation plays either a lesser
Plantar fasciitis can be successfully treated without surgery. Methods include rest, Over-the-Counter (OTC), Nonsteroidal Anti-Inflammatory Drugs (NSAIDs), stretching, counter-strain technique, orthoses, corticosteroid injections, Extracorporeal Shock Wave Therapy (ESWT), and ultrasound therapy [2]. The natural history of PF is often self-limited and resolve in 80% of the patients with-in 1-4 years regardless of the treatment [13, 14]. What makes the patients seek medical attention is either the irritation or the incapacitating pain at the time of an attack. For that, trial of conservative therapies is advised before more invasive treatments are attempted [8, 15].

METHODS
A cross sectional study was conducted in general population of Multan city. The study was completed within “6 months” after the approval of synopsis. Sample selection was based upon the inclusion and exclusion criteria. The sample size was taken by using the non-probability purposive sampling technique. The sampling tools were the plantar fasciitis pain/disability scale, visual analogue scale, and windlass test. Inclusion criteria: working females of 30 to 50 years’ age with minimum 5 years of working experience. Exclusion criteria: presence of fracture in foot bones, recent surgery of foot, mentally unstable working ladies, having musculoskeletal disorders and other comorbidities, pathological disease, osteoporotic females, and congenital diseases of foot. On the initial appointment the patients were assessed to rule out the possibility of presence of any of the signs mentioned in the exclusion criteria. After that they were requested or offered to participate in the study. A detailed consent form was duly signed by each patient willing to participate in the study and the filled out plantar fasciitis pain/disability index questionnaire. The main aim of the study is to search out pain and difficulty levels in working females having plantar fasciitis. This study can facilitate in reducing pain and difficulties in those operating females having plantar fasciitis.

RESULTS
The pain and difficulty level in working females of Multan having plantar fasciitis is 72% above age group 50. Signs and symptoms of plantar facilities increased with prolonged standing and relieved by rest. Surface pain was 46% and deep pain was 54%. 34% of subjects suffer from pain throughout the day with regular intervals. 18% women have pain only when they first get up. 67% of women feel comfortable walking on toes while 33% feel uncomfortable. Hence, it is comfortable to walk on toes than walk flat footed for patients. Pain interferes with athletics and weight-bearing activities of 53% of women. The associated risk factors account for pain and difficulty in working...
Thus by concluding this study, it is found out that pain and difficulty level in working females having plantar fasciitis increases (72%) with age as in this study, above 50 years of age. Women are having more troubles in facing prolonged standing (49%), walking (14%), and running (11%). Pain level was intense when they took their first step in the morning and during long standing working hours. Obesity (8%), inappropriate shoe-wear (10%), and postural abnormalities (18%) may influence difficulty level. Hence, we can improve and reduce pain and difficulty level by keeping in mind the above mentioned risk factors and taking precautionary measures accordingly.

**DISCUSSION**

This present study was conducted to determine pain and difficulty level in working females of Multan having plantar fasciitis. Previous studies report that plantar fasciitis is common with prolonged standing and weight-bearing tasks like running and walking and as the duration of these activities increases, a cross-sectional study by Robert and his colleagues “Risk Factor of Plantar Fasciitis among Assembly Plant Workers” working at least for last 6 months with full-time employment. It was concluded that as time spent standing increases the prevalence of plantar fasciitis increases. In the current study, we selected working females who spent most of their time standing inappropriately with postural mal-alignment. Plantar fasciitis is commonly present with heel pain. The research was conducted in 2015 to find out the prevalence and risk factors of plantar fasciitis in heel pain patients. Goweda et al, [16] used the cross-sectional method and selected 270 patients from 5 health centres of Makkah, KSA. The authors designed a self-structured interview questionnaire in which demographic data and risk factors of plantar fasciitis were evaluated. Patients height, weight, BMI was also calculated. This research found that 57.8% had plantar fasciitis among heel pain in which 56.4% were male, 66.7% were obese, 58.3% were wearing inappropriate shoes, and 89.7% had a sedentary lifestyle. In the present study, we selected 150 female workers by using the (PFPS) Plantar Fasciitis Pain/Disability Scale. This present study was conducted to determine pain and difficulty level in working females of Multan having plantar fasciitis. Nahin RL, et al [17] conducted a research on “Prevalence and Pharmaceuticals Treatment of Plantar Fasciitis” in “United States” in 2018. It revealed that 85% of sample was diagnosed as plantar Fasciitis with pain. Higher prevalence was seen in women (1.19%) versus men (0.47%) in age group of 45-64 years (1.33%) versus age group of 18-44 years (0.53%), in obese (1.48%) versus those who have body mass (less than 25) (0.29%). 41.04% of PF were seen using prescribed medications for pain, (4.01%) NSAID's, (2.21%)
opioids were the most prevalent prescribed drugs PF pain. They were also seen using analgesics for pain management. In this study we have observed only working females with 150 working size. We have studied women both with obese and lean body mass. Rasenberg N. et al, conducted a research on "Incidence, Prevalence, and Management of Plantar Heel Pain". A retrospective cohort study in "Dutch Primary Care". The overall incidence PHP was 3.83 cases per 1000-year. The incidence of female was 6.46 and of males was 2.98. Overall prevalence of PHP was 0.4374%. The incidence of PHP was seen on its peak in September and October of each year [18]. In this study we have conducted research on working females only during eid festivals and long working-hour durations. They reported heel pain during this time. Patricia Palomo-Lopez [19] did cross-sectional descriptive study to evaluate and compare the impact on Quality of Life (QoL) related to foot health and general health between males and females with PF [20]. Physical examination, data, and the self-reported Foot Health Status Questionnaire (FHSQ) declared that females with PF showed a worse health-related QoL related to foot pain, foot function, footwear, and general foot health than males. In current study the prevalence of plantar fasciitis is per 150 working females. We have observed working females of Hospitals (House Officers), Schools (Teachers), Malls (Sales Girls), and Salon (Beautician) suffer more from foot disorders, plantar fasciitis, and face more difficulty in standing and walking.

CONCLUSIONS

It is concluded that pain and difficulty level in working females of Multan having plantar fasciitis was common. Signs and symptoms of plantar facilities increased with prolonged standing and relieved by rest.

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