

ABSTRAK SKRIPSI

FAKTOR-FAKTOR YANG BERHUBUNGAN DENGAN KELUHAN *MUSCULOSKELETAL DISORDERS* (MSDS) PADA PETANI PADI DI NAGARI TABEK KECAMATAN PARIANGAN TAHUN 2022

Penulis

: Dian Fitri Yova

Pembimbing I

: Fea Firdani, SKM., MKM

Pembimbing II

: Aulia Rahman, SKM., MKM



FAKULTAS KESEHATAN MASYARAKAT

UNIVERSITAS ANDALAS

PADANG, 2023

**FAKULTAS KESEHATAN MASYARAKAT
UNIVERSITAS ANDALAS**

**Skripsi, Februari 2023
DIAN FITRI YOVA, No. BP. 1811212038**

**FAKTOR-FAKTOR YANG BERHUBUNGAN DENGAN KELUHAN
MUSCULOSKELETAL DISORDERS (MSDs) PADA PETANI PADI DI
NAGARI TABEK KECAMATAN PARIANGAN TAHUN 2022**
xiii + 92 halaman, 22 tabel, 15 gambar, 10 lampiran

ABSTRAK

Tujuan Penelitian

Proses kerja petani padi konvensional yang dilakukan terus-menerus dengan postur kerja tidak ergonomis berisiko mengalami keluhan *Musculoskeletal Disorders* (MSDs). Survei awal menunjukkan 80% petani padi di Nagari Tabek merasakan keluhan MSDs kategori berat. Penelitian bertujuan untuk mengetahui faktor-faktor yang berhubungan dengan keluhan MSDs pada petani padi di Nagari Tabek Kecamatan Pariangan.

Metode

Penelitian menggunakan metode kuantitatif dengan desain *cross sectional* yang dilakukan pada bulan Agustus 2022 hingga Februari 2023. Populasi adalah petani padi di Nagari Tabek dengan sampel sebanyak 88 responden dan dipilih menggunakan teknik *simple random sampling*. Pengolahan data menggunakan analisis univariat dan bivariat dengan uji chi square(CI=95%).

Hasil

Hasil menunjukkan 58% petani padi merasakan keluhan MSDs kategori berat, 68,2% tergolong umur berisiko, 33% memiliki IMT tidak normal, 76,1% memiliki masa kerja lama, 48,9% tergolong durasi kerja berisiko, dan 75% memiliki postur kerja berisiko tinggi. Hasil analisis bivariat menunjukkan variabel yang berhubungan dengan keluhan MSDs adalah umur($p=0,028$), IMT($p=0,031$), masa kerja($p=0,018$), durasi kerja($p=0,004$), dan postur kerja($p=0,000$).

Kesimpulan

Terdapat hubungan antara umur, IMT, masa kerja, durasi kerja dan postur kerja dengan keluhan MSDs. Petani harus diberikan penyuluhan ergonomi kerja dan K3 serta disarankan menggunakan teknologi pertanian dalam bekerja.

Daftar Pustaka :60(1995-2022)

Kata Kunci :Petani Padi, MSDs, Faktor Risiko

**FACULTY OF PUBLIC HEALTH
UNIVERSITY OF ANDALAS**

**Thesis, February 2023
DIAN FITRI YOVA, BP No. 1811212038**

FACTORS RELATED TO COMPLAIN TOWARDS MUSCULOSKELETAL DISORDERS (MSDS) IN RICE FARMERS AT TABEK VILLAGE PARIANGAN SUBDISTRICT IN 2022

xiii + 92 pages, 22 tables, 15 pictures, 10 attachements

ABSTRACT

Research Objective

The works' processes of rice farmer are still conventional and carried out continuously with non-ergonomic work postures. So, they are at risk of experiencing Musculoskeletal Disorders (MSDs). preliminary survey showed that 80% of the rice farmers at tabek village experienced severe complaints about MSDs. The Purpose of the research was to find out the factors that related to complaints about MSDs experienced by rice farmers in tabek village pariangan Sub-District in 2022.

Method

The method of this research was quantitative research with cross sectional design that had done since August 2022 until February 2023. The population of the research was rice farmers in tabek village pariangan Sub-District. The samples were 88 respondents and choosen by using Simple Random Sampling Technique. The data was analyzed by using univariate and bivariate with chi suare test (CI=95 %).

Result

The result showed 58% of the farmers experiencing severe complaints towards MSDs, 68.2 % belong to risky age, 33% has abnormal BMI, 76.1 has long process, 48.9 belongs to duration of work at risk, and 75% high-risk work posture. The result analysis bivariate showed variable related to complaints towards MSDs were age ($p=0.028$), IMT ($p=0.031$), work period($p=0.018$), work duration ($p=0.004$), and work posture (0.000).

Conclusion

There was correlation between age, BMI, work period, work duration, and work posture with complaints towards MSDs in rice farmers. Farmers must be educated about work's ergonomic and Occupational Health and Safety (OHS). Farmers are advised to use agricultural technology while working in the farm.

Bibliography : 60 (1995-2022)

Key Words : Rice Farmers, MSDs, Risk Factors