

**PREVALENSI KEJADIAN DIABETES MELITUS DAN HIPERTENSI
BESERTA KARATERISTIKNYA PADA BULAN APRIL 2021 DI
PUSKESMAS SUKASADA I KABUPATEN BULELENG**

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ABSTRAK

Penelitian ini bertujuan untuk mengetahui Prevalensi Kejadian Diabetes Melitus (DM) dan Hipertensi Beserta Karateristiknya pada bulan April 2021 di Puskesmas Sukasada I Kabupaten Buleleng. Tempat penelitian berlokasi di Puskesmas Sukasada I Kabupaten Buleleng. Penelitian ini dilakukan pada Juli hingga Agustus 2021. Jenis penelitian yang digunakan adalah deskriptif observasional dengan desain penelitian *cross-sectional study*. Populasi penelitian ialah seluruh pasien pada data registrasi Puskesmas Sukasada I Kabupaten Buleleng tahun 2021, sedangkan sampel penelitian diambil menggunakan teknik *total sampling* dengan sampel seluruh pasien pada data registrasi Puskesmas Sukasada I bulan April tahun 2021. Variabel pengukuran yang digunakan ialah status DM, hipertensi, usia, jenis kelamin, dan desa tempat tinggal. Instrumen penelitian adalah data registrasi Puskesmas Sukasada I. Data kejadian hipertensi, DM dan jenis kelamin karena berbentuk kategorikal akan dideskripsikan dalam jumlah dan persen. Data usia karena berbentuk data kontinu akan dideskripsikan dalam jumlah, *mean*, dan *standard deviation*. Data desa tempat tinggal akan dideskripsikan sesuai nama desa. Data dianalisis menggunakan teknik analisis deskriptif menggunakan SPSS. Hasil penelitian didapatkan dari total 1158 pasien di bulan April 2021, terdapat 117 pasien DM, 65 pasien hipertensi, dan 22 pasien terdiagnosis DM+HT. Prevalensi pasien DM adalah 10%, prevalensi pasien hipertensi adalah 6%, prevalensi pasien DM yang terdiagnosis hipertensi adalah 19%, dan prevalensi pasien hipertensi yang terdiagnosis DM adalah 34%. Karateristik pasien hipertensi adalah hipertensi grade II (34%), perempuan (57%), usia 55-64 tahun, Kelurahan Sukasada menempati posisi tertinggi dibandingkan katorinya masing-masing. Karateristik pasien DM adalah tekanan darah normal (64%), laki-laki (54%), usia 56-65 tahun, kelurahan Sukasada menempati posisi tertinggi dibandingkan katorinya masing-masing. Karateristik pasien DM+HT adalah hipertensi grade II (55%), perempuan (64%), usia 56-65 tahun, kelurahan Sukasada menempati posisi tertinggi dibandingkan katorinya masing-masing. Disarankan peneliti selanjutnya dapat melakukan penelitian lanjutan berupa mencari sebab akibat kejadian diabetes dan hipertensi terkait kejadian penyakit yang lebih dahulu terjadi antara diabetes dan hipertensi.

Kata-kata kunci: prevalensi, karateristik, diabetes melitus, dan hipertensi

**PREVALENCE OF DIABETES MELLITUS AND HYPERTENSION AND
ITS CHARACTERISTICS IN APRIL 2021 IN PUSKESMAS SUKASADA I
BULELENG REGENCY**

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ABSTRACT

This study aims to determine the prevalence of diabetes mellitus (DM) and hypertension and their characteristics in April 2021 at the Sukasada I Public Health Center, Buleleng Regency. The research site is located in Sukasada I Public Health Center, Buleleng Regency. This research was conducted from July to August 2021. The type of research used was descriptive observational with a cross-sectional study design. The study population was all patients in the Sukasada I Health Center registration data, Buleleng Regency in 2021, while the research sample was taken using a total sampling technique with a sample of all patients in the Sukasada I Health Center registration data in April 2021. The measurement variables used were DM status, hypertension, age, gender, and village of residence. The research instrument is the registration data of the Sukasada I Public Health Center. Data on the incidence of hypertension, DM and gender because they are categorical will be described in numbers and percent. Age data because it is in the form of continuous data will be described in terms of number, mean, and standard deviation. Data on the village where you live will be described according to the name of the village. Data were analyzed using descriptive analysis technique using SPSS. The results of the study were obtained from a total of 1158 patients in April 2021, there were 117 DM patients, 65 hypertension patients, and 22 patients diagnosed with DM+HT. The prevalence of DM patients was 10%, the prevalence of hypertensive patients was 6%, the prevalence of DM patients diagnosed with hypertension was 19%, and the prevalence of hypertensive patients diagnosed with DM was 34%. The characteristics of hypertensive patients are hypertension grade II (34%), female (57%), age 55-64 years, Sukasada Village occupies the highest position compared to their respective categories. The characteristics of DM patients are normal blood pressure (64%), male (54%), aged 56-65 years, Sukasada village occupies the highest position compared to their respective categories. The characteristics of DM+HT patients are hypertension grade II (55%), female (64%), age 56-65 years, Sukasada sub-district occupies the highest position compared to their respective categories. It is recommended that further researchers can conduct further research in the form of looking for causes and effects of the incidence of diabetes and hypertension related to the incidence of diseases that occurred earlier between diabetes and hypertension.

Keywords: prevalence, characteristics, diabetes mellitus, and hypertension