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# Quality of life, prevalence, knowledge, and management of hypertension amongst the political class in Bayelsa State 

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#### Abstract

Background: Hypertension is a risk factor for all cardiovascular-related illnesses. Maintaining a high quality of life for those with hypertension is critical. As a result, the study's goal was to offer an update on the current prevalence and management of hypertension, as well as the quality of life among Bayelsa state politicians in Nigeria. Aim: This study evaluated the management of Hypertension amongst the Political Class in Bayelsa State. Methods: The study included 250 politicians, who were previously treated for hypertension. A questionnaire was designed to collect demographic, medication, and medication history information from the respondents. Ethical approval was obtained as it applies to this study. The questionnaires were analyzed using SPSS software version 27.0. Results: Data obtained showed $61.6 \%$ were male while $38.4 \%$ were female. About $48.0 \%$ of the respondents indicated that their health was better, $31.6 \%$ stated that their health affects them from participating in rigorous physical activities, $57.6 \%$ said they participate in moderate activities, 20.8 staircasesair cases, and other activities like bending, kneeling, or stooping ( $100 \%$ ), walking more than a mile ( $100 \%$ ), walking several hundred ( $100 \%$ ) or one hundred $(79.6 \%$ ) yards, bathing or dressing oneself ( $48 \%$ ), eye problems ( $43.8 \%$ ), longer stay in hospital ( $90.4 \%$ ). There was a significant difference between knowledge and pattern of management of hypertension. Using one-way ANOVA, there was no statistically significant difference between knowledge, prevalence, and quality of life among politicians that had hypertension Conclusion: Participants revealed a high prevalence and low comprehension or knowledge of hypertension and blood pressure treatment among politicians in Bayelsa State. Those with some knowledge of hypertension control are managing and adhering to pharmacologic and nonpharmacological strategies. As a result, significant measures are required to enlighten them and carefully manage their blood pressure and overall health. This will increase their standard of living and their ability to serve humanity.


Keywords: Hypertension, knowledge, prevalence, management, quality of life, politics, Bayelsa

## Introduction

Since all known cardiovascular diseases (CVDs) have been linked to hypertension, it is crucial to assess the disease's burden, plan for future healthcare requirements, and allocate resources accordingly. It is a top priority for addressing the prevalence of non-communicable diseases (NCDs) around the world. Extensive epidemiological research on the causes of noncommunicable ailments and their cardiac consequences has consistently contributed to hypertension being the most prevalent. CVDs accounted for about 5278.4 in every hundred thousand adults in 2016, as reported by the Global Burden of Disease (GBD) (DALYs \& HALE, 2016; GBD, 2016). A 2013 meta-analysis of community-based and cross-sectional demographic studies predicted that hypertension will occur at a rate of $28.9 \%$ in Nigeria (Adeloye et al., 2015) ${ }^{[2]}$.
Cardiovascular disease, cancer, diabetes (DM), and severe respiratory diseases like asthma, bronchoconstriction, pneumonia, bronchitis, etc., are among the primary causes of global
disease burden (WHO, 2010; Lozano, 2012) ${ }^{[15]}$, and are regarded as major issues in achieving the ostensibly sustainable development goals of the twenty-first century (UN, 2011). Hypertension is a global concern due to its significant contribution to CVDs. Globally, it accounts for about $55 \%$ of CVD, with a prevalence and incidence rate of $40 \%$ (WHO, 2010). Hypertension can be successfully managed in low-income
countries utilizing basic, cost-effective, and easily implemented primary care approaches (WHO, 2013). However, the proportion of hypertensive patients who are effectively managed varies by nation, and uncontrolled hypertension accounts for almost two-thirds of all strokes as well as certain cardiovascular diseases. In response to the global NCD epidemic, major efforts have been made to achieve exceptional technologies and enhance guidelines in research and clinical practices for effectively managing hypertension and related CVDs (James, 2014; Xu, 2015) ${ }^{[1-}$ ${ }^{19]}$. China bears a disproportionate portion of the burden of NCDs as compared to Europe, the greatest developing nation. The prevalence of hypertension nearly doubles every decade. Hypertension has been dubbed the "silent killer," accounting for $80 \%$ of CVD mortality in the US, with over half of those deaths occurring prematurely $(\mathrm{He}, 2009)^{[20]}$.
Quality of life (QOL) is a phrase often used in health care settings at policy and administration levels, in clinical assessments of therapies, and in clinical management of individual cases. While QOL is a broad concept that covers such areas as social, environmental, economic, and health satisfaction, health-related quality of life (HRQL) is less wide-ranging, including mental and physical health and its consequences. Health-related quality of life (HRQL) is considered one of the key concepts in the contemporary practice of medicine and delivery of health care. Quality of life assessment is complicated by the fact that there is no universally accepted definition for QOL. The researchers of this study have adopted the WHO defines QOL as individuals' perceptions of their position in life in the context of the culture and value system in which they live concerning to their goals, standards, and concerns (WHO, 1998).

In general, hypertension-related quality of life (HRQL) can be influenced directly and indirectly by various diseaserelated factors. Chronic diseases, such as cardiovascular diseases and mental disorders (e.g. depression) potentially decrease short-term and long-term HRQL. Direct effects of the disease itself and side effects of the treatment may influence HRQL in patients with stroke or hypertension. Hypertension and stroke are two prevalent medical conditions that may affect the quality of life substantially. Moreover, anti-hypertensive medication may induce fatigue, dizziness, and sexual dysfunction, which in turn in the patient's activity of daily living and quality of life (Cella et al., 1995) ${ }^{[21]}$.
Major medical consequences of stroke concern different physical and psychological aspects such as loss of sense, palsy, disturbance of body image, depression, and change in patient's role also affecting HRQL. Despite of side effects of medication (e.g. antidepressants, anti-cholinergic, and antiadrenergic agents) potentially leading to decreased wellbeing, a meta-analysis of well-selected and comparable
trials has shown the positive impact of anti-hypertensive medication on patient quality of life as a whole despite disturbing side effects (Leonetti et al., 1994; Ozer et al., 1994) ${ }^{[16-17]}$. This study aims to evaluate the management of Hypertension amongst the Political Class in Bayelsa State.

## Methods

The study included 250 politicians, who were previously treated for hypertension. A questionnaire was created to collect demographic, medication, and medication history information from the respondents. The questionnaires were analyzed using SPSS software version 27.0.

## Results

250 people in total took part in the survey, with $61.6 \%$ of them men and $38.4 \%$ of them women. The study's target audience was people between the ages of 20 and 70, so participants' ages fell into the following categories: 20 to 30, ( $11.2 \%$ ), 31 to $40,(25.6 \%), 41$ to $50,(32 \%), 51$ to 60 , ( $21.6 \%$ ), 61 to 70 , and ( $9.6 \%$ ), respectively. Only $9.6 \%$ of respondents only had secondary education, compared to a larger ( $31.2 \%$ ) portion who had professional degrees, $30.4 \%$ who had post-tertiary education credentials, $30.4 \%$ who had tertiary education, and $28.8 \%$ who did. There was a significant difference between knowledge and pattern of management of hypertension. Using one-way ANOVA, there was no statistically significant difference between knowledge, prevalence, and quality of life among politicians that had hypertension.
The Blood Pressure of participants was measured at the point of interview and $20.4 \%$ had a normal BP $(<120 /<80$ mmHg ) while a greater number of them (79.6\%) had a BP of between $120-139 \mathrm{mmHg}$ systolic pressure and $80-$ 89 mmHg diastolic pressure respectively. Another predisposing risk factor for hypertension is a family history of hypertension. About $10.8 \%$ of the participants affirmed that they have relatives with recurrent or consistent high blood pressure (Hypertension 19.2\% of the participants were smoking cigarettes, $30.4 \%$ take alcohol, and $22.0 \%$ were diabetic with $42.4 \%$ currently undergoing hypertensive care. $42.4 \%$ are also aware of the systolic pressure reading and the lower or bottom number, diastolic pressure reading ( $48.8 \%$ ) of blood pressure measurement. All participants ( $100 \%$ ) agreed that having high blood pressure can be harmful to their health. Since a strong risk factor for developing hypertension is a family history, $88.8 \%$ of respondents agreed that this condition can be passed down through families. According to $69.6 \%$ of the participants, symptoms of severe hypertension include headache, shortness of breath (79.2\%), feeling dizzy (82.4\%), chest pain (47.6\%), visual changes or changes in ocular pressure ( $36 \%$ ), and the presence of blood in the urine ( $20.8 \%$ ). Participants were also of the opinion that reducing blood pressure would improve their health and QOL (100\%). Some of them ( $69.6 \%$ ) are aware that there are different types of hypertension, including primary (41.2\%) and secondary ( $41.2 \%$ ) hypertension. The majority of participants $(79.2 \%)$ thought that hypertension could be treated, but $20.8 \%$ weren't sure if it could be completely cured.

Table 1: Respondents' Background Knowledge of Hypertension

| Variable | $\begin{gathered} \text { SA } \\ (\mathrm{N}, \%) \end{gathered}$ | $\begin{gathered} \mathrm{A} \\ (\mathrm{~N}, \%) \end{gathered}$ | $\begin{gathered} \mathrm{NS} \\ (\mathrm{~N}, \%) \end{gathered}$ | $\begin{gathered} \mathrm{D} \\ (\mathrm{~N}, \%) \end{gathered}$ | $\begin{gathered} \mathrm{SD} \\ (\mathrm{~N}, \%) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Knowledge |  |  |  |  |  |
| Hypertension can be dangerousto your health | $\begin{gathered} 172 \\ (68.8) \end{gathered}$ | $\begin{gathered} 78 \\ (31.2) \end{gathered}$ | 0 | 0 | 0 |
| If your parents or relatives are hypertensive you can also, be hypertensive | $\begin{gathered} 76 \\ (30.4) \end{gathered}$ | $\begin{gathered} 146 \\ (58.4) \end{gathered}$ | $\begin{gathered} 28 \\ (11.2) \end{gathered}$ | 0 | 0 |
| Someone can have headache in severe lypertension | 0 | $\begin{gathered} 174 \\ (69.6) \end{gathered}$ | $\begin{gathered} 76 \\ (30.4) \end{gathered}$ | 0 | 0 |
| Can someone with lypertension experience shorthess of breath | $\begin{gathered} 96 \\ (38.4) \end{gathered}$ | $\begin{gathered} 102 \\ (40.8) \end{gathered}$ | $\begin{gathered} 24 \\ (9.6) \end{gathered}$ | $\begin{gathered} 28 \\ (112) \end{gathered}$ | 0 |
| Can someone with hypertension feel dizzy | 0 | $\begin{gathered} 206 \\ (82.4) \end{gathered}$ | $\begin{gathered} 28 \\ (112) \end{gathered}$ | $\begin{gathered} 16 \\ (6.4) \end{gathered}$ | 0 |
| Do hypertensive patients experience chest pain | $\begin{gathered} 48 \\ (19.2) \end{gathered}$ | $\begin{gathered} 71 \\ (28.4) \end{gathered}$ | $\begin{gathered} 131 \\ (52.4) \end{gathered}$ | 0 | 0 |
| Can hypertensive patients have visual changes | $\begin{gathered} 52 \\ (20.8) \end{gathered}$ | $\begin{gathered} 40 \\ (16.0) \end{gathered}$ | $\begin{gathered} 130 \\ (52.0) \end{gathered}$ | $\begin{gathered} 28 \\ (112) \end{gathered}$ | 0 |
| Can hypertensive patients have blood in their urine | 0 | $\begin{gathered} 52 \\ (20.8) \end{gathered}$ | $\begin{gathered} 99 \\ (39.6) \end{gathered}$ | $\begin{gathered} 83 \\ (332) \end{gathered}$ | $\begin{gathered} 16 \\ (6.4) \end{gathered}$ |
| Do you know that hypertension can be classified | $\begin{gathered} 68 \\ (27.2) \end{gathered}$ | $\begin{gathered} 106 \\ (42.4) \end{gathered}$ | $\begin{gathered} 52 \\ (20.8) \end{gathered}$ | $\begin{gathered} 24 \\ (9.6) \end{gathered}$ | 0 |
| Primary hypertension is a class of hypertension | $\begin{gathered} 24 \\ (9.6) \end{gathered}$ | $\begin{gathered} 79 \\ (31.6) \end{gathered}$ | $\begin{gathered} 123 \\ (49.2) \end{gathered}$ | $\begin{gathered} 24 \\ (9.6) \end{gathered}$ | 0 |
| Secondery hypertension is a class of hypertension | $\begin{gathered} 28 \\ (11.2) \end{gathered}$ | $\begin{gathered} 75 \\ (30.0) \end{gathered}$ | $\begin{gathered} 120 \\ (49.2) \end{gathered}$ | 0 | $\begin{gathered} 24 \\ (9.6) \end{gathered}$ |
| Lowering High blood pressure can improve a person's health | $\begin{gathered} 116 \\ (46.4) \end{gathered}$ | $\begin{gathered} 134 \\ (53.6) \end{gathered}$ | 0 | 0 | 0 |
| Hypertension can cause an increased resistance to Blood | $\begin{gathered} 44 \\ (17.6) \end{gathered}$ | $\begin{gathered} 130 \\ (52.0) \end{gathered}$ | $\begin{gathered} 76 \\ (30.4) \end{gathered}$ | 0 | 0 |
| High BP (hypertension) is a lifelong disease | $\begin{gathered} 68 \\ (27.2) \end{gathered}$ | $\begin{gathered} 79 \\ (31.6) \end{gathered}$ | $\begin{gathered} 76 \\ (30.4) \end{gathered}$ | 0 | $\begin{gathered} 27 \\ (10.8) \end{gathered}$ |
| Hypertension is a condition fhat you can be cured | 0 | $\begin{gathered} 198 \\ (79.2) \\ \hline \end{gathered}$ | $\begin{gathered} 52 \\ (20.8) \\ \hline \end{gathered}$ | 0 | 0 |

Table 2: Risks factors

| Risk factors |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Toomuch salt intake | 28 (11.2) | 126 (50.4) | 96 (38.4) | 0 | 0 |
| Tension | 148(59 2) | 102(40.8) | 0 | 0 | 0 |
| Lack of exercise | 28(11.2) | 198(79.2) | 24(9.6) | 0 | 0 |
| High cholesterol | 28(112) | 158(63.2) | 64(25.6) | 0 | 0 |
| Obesity | 52(20.8) | 142(56.8) | $56(22.4)$ | 0 | 0 |
| Smoking | 120(48.0) | 106(42.4) | 24(9.6) | 0 | 0 |
| Aging | 80(32.0) | 146(58.4) | 24(9.6) | 0 | 0 |
| Diabetes | 24(9.6) | 186(74.4) | 40(16.0) | 0 | 0 |
| Alcohol abuse | 120(48.0) | 106(42.4) | 24(9.6) | 0 | 0 |
| Complications |  |  |  |  |  |
| Heart atteck | 148(59 2) | 102(40.8) | 0 | 0 | 0 |
| Stroke | 44(17.6) | 206(82.4) | 0 | 0 | 0 |
| Aneurysm | 0 | 102(40.8) | 108(43.2) | 16(6.4) | 24(9.6) |
| Nerrowed blood vessels in Kidney | 0 | 118(47.2) | 108(43.2) | 0 | 24(9.6) |
| Nerrowed blood vessels in the eyes | 0 | 78(31.2) | 76(30.4) | $72(28.8)$ | 24(9.6) |
| Metabolic synḋme | 24(9.6) | 94(37.6) | 108(43.2) | 24(9.6) | 0 |
| Trouble with memory $\alpha$ understending | 64(25.6) | 78(312) | 52(20.8) | $56(22.4)$ | 0 |

Table 3: Self-care practices and management of hypertension

| Variable |  | Frequency | Percentage |
| :---: | :---: | :---: | :---: |
|  |  | (n) | (\%) |
| Have sphygmomanometer at home? | Yes | 27 | 10.8 |
|  | No | 223 | 89.2 |
| Regularly check your BP? | Yes | 170 | 68.0 |
|  | No | 80 | 32.0 |
| How often do you check? | Nil | 56 | 22.4 |
|  | Monthly | 43 | 17.2 |
|  | Every 3 months | 103 | 41.2 |
|  | More than 3 months | 48 | 19.2 |
| Where do you check BP? | Nil | 56 | 22.4 |
|  | Home | 24 | 9.6 |
|  | Tertiary hospital | 79 | 31.6 |
|  | Nearest facility | 48 | 19.2 |
|  | Voluntary check by a medical personnel | 43 | 17.2 |
| Barriers towards self-testing for BP? | Expensive | 8 | 3.2 |
|  | Lack of awareness | 76 | 30.4 |
|  | Inaccurate result | 67 | 26.8 |
|  | Pain | 24 | 9.6 |
|  | Don't feel the need | 75 | 30.0 |
| Consult your doctor for HTN | Once/twice in a month | 43 | 17.2 |
|  | Every 2 months | 27 | 10.8 |
|  | Every 3-6 months | 80 | 32.0 |
|  | Every 6-12 months | 76 | 30.4 |
|  | More than 12 months | 24 | 9.6 |
| Consult your cardiologist for heart examination? | Once or twice in a month | 27 | 10.8 |
|  | Every 2 months | 67 | 26.8 |
|  | Every 3 months | 24 | 9.6 |
|  | Every 6 months | 52 | 20.8 |
|  | Once in a year | 80 | 32.0 |
| ECG examination? | Once /twice in a life time | 40 | 16.0 |
|  | Monthly | 27 | 10.8 |
|  | Ever 3months | 51 | 20.4 |
|  | Every 6months | 28 | 11.2 |
|  | More than that | 24 | 9.6 |
|  | Never | 80 | 32.0 |
| Most important practice to control high | Taking medications | 27 | 10.8 |
| BP? | Rhythmic exercise | 80 | 32.0 |
|  | Less stress | 95 | 38.0 |

Table 4: Self-Management

|  | Quitting smoking <br> Losing Weight | 24 | 9.6 |
| :--- | :---: | :---: | :---: |
| How do you manage hypertension? |  | 24 | 9.6 |
| Food restriction | Yes | 0 | 0 |
|  | No | 250 | 100.0 |
| Avoiding alcohol | Yes | 0 | 0 |
| Salt restriction | No | 250 | 100.0 |
|  | Yes | 0 | 0 |
| Antihypertensive medications | No | 100.0 |  |
|  | Yes | 51 | 20.4 |
| Moderate exercise | No | 79.6 |  |
|  | Yes | 199 | 36.8 |
| Herbal Medicine | No | 62.2 |  |
|  | Yes | 158 | 10.8 |
| Adequate rest and sleep | No | 89.2 |  |
|  | Yes | 27 | 32.0 |
| How often do you take your medication? | No | 68.0 |  |
|  | Alternate day | 80 | 20.8 |
| How many hypertensive medications do | Once a day | 170 | 36.8 |
| you take a day? | Twice a day | 92 | 42.4 |
|  | One | 106 | 11.2 |
| Have you experienced side effects of | Two | 28 | 78.0 |
| your antihypertensive medication? | Three | 195 | 10.8 |
| Are you on any herbal medication used | Yes | 27 | 42.8 |
| for hypertension? | No | 107 | 57.2 |
| Have you experience side effects when | Yes | 143 | 20.4 |
| you use the herbal medication? | No | 51 | 79.6 |
| Do you feel herbal medications are | Yes | 199 | 19.2 |
| better than orthodox? | No | 48 | 80.8 |

Table 5: Specific assessment for quality of life

| Variable | Not at all | Yes, <br> somehow | Yes, a lot | Yes, very <br> much |
| :--- | :---: | :---: | :---: | :---: |
| Sleeping poorly? | $104(41.6)$ | $118(47.2)$ | $28(11.2)$ | 0 |
| Difficulty maintaining social relationships? | $127(50.8)$ | $83(33.2)$ | $40(16.0)$ | 0 |
| Difficulty interacting with other people? | $131(52.4)$ | $71(28.4)$ | $24(9.6)$ | $24(9.6)$ |
| Not playing a useful role in life? | $183(73.2)$ | $67(26.8)$ | 0 | 0 |
| Unable to make decisions and start new <br> things/projects? | $99(39.6)$ | $151(60.4)$ | 0 | 0 |
| Continuously distressed and tense? | $28(11.2)$ | $130(52.0)$ | $68(27.2)$ | $24(9.6)$ |
| Life is a constant struggle? | 0 | $198(79.2)$ | 0 | $52(20.8)$ |
| Incapable of enjoying your daily activities? | $80(32.0)$ | $130(52.0)$ | $40(16.0)$ | 0 |
| Worn-out and powerless? | $83(33.2)$ | $127(50.8)$ | $24(9.6)$ | $16(6.4)$ |
| Have you felt sick? | $55(22.0)$ | $103(41.2)$ | $92(36.8)$ | 0 |
| Had difficulty breathing or felt breathless | $76(30.4)$ | $174(69.6)$ | 0 | 0 |
| for no apparent reason? | $88(35.2)$ | $82(32.8)$ | $80(32.0)$ | 0 |
| Ankles been swollen? | $92(36.8)$ | $134(53.6)$ | $24(9.6)$ | 0 |
| Urinating more frequently? | $76(30.4)$ | $106(42.4)$ | $24(9.6)$ | $44(17.6)$ |
| Has your mouth been dry? | $24(9.6)$ | $106(42.4)$ | $44(17.6)$ | $76(30.4)$ |
| Have you felt pain in the chest without <br> doing any physical exertion? | $48(19.2)$ | $202(80.8)$ |  |  |
| Numbness or a tingling sensation in any <br> part of the body? | $51(20.4)$ | $107(42.8)$ | $24(9.6)$ | $68(27.2)$ |
| Hypertension and its treatment have <br> affected your quality of life? |  |  |  |  |

$61.6 \%$ affirmed that too much intake of salt is a major risk factor in hypertension, while other state tension ( $100 \%$ ), lack of physical exercise ( $90.4 \%$ ), high cholesterol levels (74.4\%), obesity (77.6\%), cigarette smoking (90.4\%), alcohol abuse or chronic intake ( $90.4 \%$ ), diabetes ( $84 \%$ ) and aging ( $90.4 \%$ ), respectively. Also, all participants (100\%)
were aware that some major complications of hypertension are heart attack and stroke. Other complications include aneurysms ( $40.8 \%$ ), narrowed blood vessels in the kidney ( $47.2 \%$ ) and eyes ( $31.2 \%$ ), metabolic syndrome such as diabetes $(47.2 \%)$, and trouble with memory or understanding (56.8\%)

Table 6: Outcome assessment of hypertensive care with adjusted year's quality of life (AYQL)

| Variable | Much better now | Somewhat better now | About the same as one year ago, | Worse than one year ago | Much worse now |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Compared to one year ago, how would you rate your health in general now? | 106 (42.4) | 120 (48.0) | 24(9.6) | 0 | 0 |
| Does your health now limit you in these activities? If so, how much? | Very much | Much | Little | No effect |  |
| Vigorous activities, such as running, | 91(36.4) | 79(31.6) | 80()32.0 | 0 |  |
| lifting heavy objects, participating in strenuous sports. |  |  |  |  |  |
| Moderate activities, such as moving a table, pushing a vacuum cleaner, bowling, or playing golf. | 27(10.8) | 144 (57.6) | 51(20.4) | 28(11.2) |  |
| Lifting or carrying groceries | 107(42.8) | 52(20.8) | 91(36.4) | 0 |  |
| Climbing several flights of stairs. | 27(10.8) | 120(48.0) | 76(30.4) | 27(10.8) |  |
| Climbing one flight of stairs | 27(10.8) | 52(20.8) | 100(40.0) | 71(28.4) |  |
| Bending, kneeling, or stooping | 55(22.0) | 64(25.6) | 131(52.4) | 0 |  |
| Walking more than a mile | 27(10.8) | 79(31.6) | 144(57.6) | 0 |  |
| Walking several hundred yards | 51(20.4) | 72(28.8) | 127(50.8) | 0 |  |
| Walking one hundred yards | 95(38.0) | 28(11.2) | 76(30.4) | 51(20.4) |  |
| Bathing or dressing yourself | 27(10.8) | 28(11.2) | 40(16.0) | 155(62.0) |  |
| Has the condition affected your eye sight | 56(22.4) | 27(10.8) | 24(9.6) | 143(57.2) |  |
| Has the condition affected your Sexual Performance | 28(11.2) | 40(16.0) | 106(42.4) | 76(30.4) |  |
| Has the condition made you spend so much time in the hospital | 52(20.8) | 44(17.6) | 130(52.0) | 24(9.6) |  |
| Has the condition affected the way you enjoy food such as taste, quantity, choice etc. (addition of salt, fries) | 56(22.4) | 24(9.6) | 122(48.8) | 48(19.2) |  |
| During the past 4weeks, how much of the time have you had any of the following problems with your work or other regular daily activities as a result of your physical health? | All the time | Most of the time | Some of the time | A little of the time | None of the time |
| Cut down on the amount of time you spent on work or other activities | 0 | 119(47.6) | 76 (30.4) | 55(22.0) | 0 |
| Were limited in the kind of work or other Activities | 24(9.6) | 107(42.8) | 40(16.0) | 79(31.6) | 0 |
| Had difficulty performing the work or other activities (for example, it took extra effort) | 28(11.2) | 75(30.0) | 48(19.2) | 99(39.6) | 0 |
| Accomplished less than you would like | 0 | 28(11.2) | 158(63.2) | 64(25.6) | 0 |

Some of the participants (31.6\%) claimed that engaging in demanding activities like running, lifting heavy objects, and playing demanding sports had some negative effects on their
health. Others (57.6\%) said it prevents them from doing things like moving a table, pushing a vacuum, bowling, or playing golf; lifting or carrying groceries (20.8\%); climbing
multiple stairs (30.4\%), and having eye issues (43.8\%). Some of the participants admitted that within the previous four weeks, they had reduced the amount of time spent at work ( $47.6 \%$ ), limited a particular kind of work (52.4\%), struggled to complete tasks ( $41.2 \%$ ), completed less than anticipated ( $74.4 \%$ ), and worked less carefully than usual $(43.2 \%)$. Additionally, $79.6 \%$ of respondents said that their emotional or physical health issues had a mildly negative impact on their ability to engage in their usual events with friends, and family. Additionally, all participants feel full of life $(100 \%)$, even though some have experienced extreme nervousness ( $79.2 \%$ ), calmness and peace ( $50.8 \%$ ), a lot of energy ( $100 \%$ ), occasionally feeling down and depressed ( $47.6 \%$ ), and worn out $(52.0 \%)$, happiness ( $100 \%$ ), and tiredness ( $100 \%$ ).
$10.8 \%$ of all participants happened to have a sphygmomanometer at home, but $68 \%$ consented that they check their blood pressure regularly. $9.6 \%$ check their BP at home regularly, $31.6 \%$ at tertiary hospitals, and $19.2 \%$ at nearby health facilities.

## Discussions

Medication-assisted blood pressure control is without a doubt one of the most cost-effective methods of reducing premature cardiovascular morbidity and mortality. The purpose of this study was to update the political class in Bayelsa State's approach to hypertension management. The study's target audience was people between the ages of 20 and 70, so participants' ages fell into the following categories: 20 to $30,(11.2 \%), 31$ to $40,(25.6 \%), 41$ to 50 , ( $32 \%$ ), 51 to $60,(21.6 \%), 61$ to 70 , and ( $9.6 \%$ ), respectively The body weights of participants showed that $6.4 \%$ were between 40 and $54 \mathrm{~kg}, 20.8 \%$ between 55 and $69 \mathrm{~kg}, 41.2 \%$ between 70 and 89 kg , and $31.6 \%$ were over 89 kg . Obesity is one of the main risk factors for hypertension, and almost all study participants needed to maintain a healthy body weight. $48.0 \%$ of the participants had a BMI between 26 and 30 , while $52.0 \%$ had a BMI above 30 . This is in line with a previous report on the prevalence of hypertension and its management (Bello, 2013; Mezue, 2013) ${ }^{[12]}$
Self-care practice is mostly encouraged for pharmacodynamic conditions such as hypertension because it reduces hospital visits and incessant spending by patients. From the survey, only $10.8 \%$ of all participants happened to have a sphygmomanometer at home, but $68 \%$ consented that they check their blood pressure regularly.
All participants' quality of life was specifically assessed using standardized questions, and from the pool, more than the average ( $58.4 \%$ ) reported that their sleep has been excellent, while $49.2 \%$ continue to have positive social relationships with their partners and all participants agreed that they are capable of making decisions and beginning new tasks or projects. While $79.2 \%$ of people say life is a constant struggle, $52.0 \%$ of them agree that they constantly feel anxious and tense. More than half of the participants feel unable to enjoy their daily activities, $76.8 \%$ often feel exhausted and helpless, $88 \%$ constantly feel ill and unwell, $69.6 \%$ have experienced difficulty breathing or have felt breathless for no apparent reason, $64.8 \%$ have experienced swollen ankles, $63.2 \%$ have also, frequently urinated, 69.6 have experienced dry mouth, $89.4 \%$ have experienced chest pain without engaging in any physical activity, and $80.8 \%$ have experienced fatigue (numbness or a tingling sensation).

Additionally, 79.6\% acknowledged that their quality of life has been impacted by hypertension and its treatment Additionally, the analysis of demographic information and history of hypertension revealed that hypertension was more common in people between the ages of 20 and 30 and 51 and 60 , indicating that both young and old are affected. This is consistent with a 2011 UN study that found that even at age 55, people still have a $90 \%$ lifetime risk of developing hypertension shortly. People with professional degrees appear to know more about hypertension and other conditions related to it. Also, from the analysis of hypertensive history and management, those family members with known hypertension tend to take major precautions in avoiding the likely risk factors that would predispose them to hypertension and all participants had the correct knowledge of what hypertension is all about

## Conclusion

Politicians in Bayelsa State, of Nigeria have a high prevalence and poor understanding of the management of hypertension. Those who have some understanding of the topic are managing and following both pharmacological and non-pharmacological treatments for hypertension.
Recommendation
This study, therefore recommends drastic measures are needed to educate them and carefully manage their blood pressure and general health. Their standard of living and ability to serve humanity will both be improved in the nearest future.

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## Conflict of interest

The authors declare that they have no known competing financial interests or personal relationships that could have appeared to influence the work reported in this paper.

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