ARTIGO ARTICLE

Is the management of obesity in primary health care appropriate in Brazil?

O manejo da obesidade na atenção primária à saúde no Brasil é adequado?

¿Es adecuada la gestión de la obesidad en la atención primaria en Brasil?

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Abstract

This study aims to describe the adequacy of basic health units (UBS) in Brazil regarding structure and work process for obesity management and to evaluate user satisfaction with primary health care services. This cross-sectional study was conducted with data from the 2013-2014 National Program for Improving Primary Care Access and Quality (PMAQ) – an initiative to assess primary health care teams' performance. Data were collected between 2013 and 2014 through interviews with primary health care teams and users. All indicators of adequate care for obesity were defined within the article scope, based on data from the PMAQ. Of the 24,055 UBS analyzed, located in 4,845 different cities, only 7.6% had adequate structure for obesity management. Likewise, only 26.6% of the 114,615 users interviewed reported adequate access, and 27.8% of the UBS showed adequate service organization. Healthcare was considered as "good" or "very good" by 82.4% of users. These indicators varied according to geographic region, showing better results for the South and Southeast. Our results suggest that the country may still be at the initial stage of systematizing care with obesity, presenting significant disparities among regions.

Obesity; Primary Health Care; Quality of Health Care

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Introduction

Obesity is a global issue, with an estimate of more than six hundred million adults witth obesity worldwide 1. In Brazil, the obesity rate increased by over 60% between 2006 and 2018, going from 11.8% to 19.8% ². Besides its health consequences, obesity imposes an economic burden on individuals, families, countries, and healthcare systems 1,3.

Several countries around the globe have presented recommendations with a high level of evidence regarding the therapeutic assistance of overweight and individuals with obesity. A study aimed to evaluate and describe the quality of clinical guidelines for the treatment of obesity in adults from different countries identified 20 guidelines: nine from Europe, six from North America, three from Latin America, one from Asia, and one from Oceania 4. However, the practice of adequate nutrition therapies in primary and secondary healthcare leading to satisfactory outcomes remains rare in different countries and contexts 5.

Considering the healthcare system and its guidelines, primary health care (PHC) units are key to addressing the challenges of obesity management in Brazil. PHC approach to obesity should include (but not be limited to) health promotion, food and nutrition surveillance, health education, and medical and interdisciplinary care 6.7. Obesity management poses a challenge to Brazilians PHC units, requiring intersectoral actions that must be continuously performed by multidisciplinary teams 6. A systematic review of randomized controlled trials of nutritional interventions for the weight management of individuals with obesity attending healthcare centers in United States, Canada, England, New Zealand, Mexico, and Australia reported an equally challenging scenario when compared to that found in Brazil 5.

PHC is the preferred entry level of the Brazilian public health system, coordinating care provision within the network. The PHC is essentially centered on the Family Health Strategy (FHS), which consists of a care team (doctor, nurse, nursing assistant, and community healthcare agents) that provides health surveillance; health promotion; disease prevention; continuous care for individuals, families, and communities; and integrated ambulatory and hospital care 8. All teams receive matrix support and permanent education from multidisciplinary teams called eNASF-AP (Team of the Extended Family Health and Primary Care Center) and health promotion services called Health Academy Program 9,10. Health Academy Program are public spaces that promote health by offering free and regular physical activity, healthy eating, and community education 11.

Evaluating the quality of PHC is important to improve the care provided, including that aimed at obesity, by identifying and properly addressing eventual challenges and potentially multiplying successful programs and projects 12. In 2011, the Brazilian Ministry of Health proposed the National Program for Improving Primary Care Access and Quality (PMAQ) - a pay-for-performance voluntary initiative where participating PHC units and teams were evaluated based on their structure, work process, and outcomes. Teams and services with the most favorable results received financial incentives, while those with poor performance committed to make improvements before being re-evaluated 13.

The PMAQ sought to yield improvements in the quality of care by qualifying, monitoring, and evaluating health services. Although several studies approached the program results regarding access to primary care and user satisfaction, data on the quality of obesity management is still scarce 14,15,16,17. Thus, we described the adequacy of Brazilian PHC units regarding structure and work process for obesity management using data from PMAQ, besides evaluating user satisfaction with PHC services.

Methods

Study design and PMAQ

This descriptive study examined data from the second cycle of the PMAQ (2013-2014), conducted in

We assessed the following PMAQ evaluation instruments: (i) observation in the PHC unit; (ii) interview with a FHS professional and verification of the unit documents; and (iii) interview with users of the PHC unit. Further details on PMAQ and its methodology can be found at: https://aps.saude.gov.br/ape/pmaq.

Sampling and data collection

Data were collected between 2013-2014 through interviews conducted by trained interviewers with FHS professionals and four users per care team.

Users were characterized according to gender (male, female); age (years); ethnicity according to the classification of the Brazilian Institute of Geography and Statistics – IBGE (White, Black, mixed-race, Asian/Indigenous); education level (illiterate/some elementary or middle school, elementary or middle school/some high school, high school/some higher education, university degree); monthly personal income (< 1 minimum wage, 1-3 minimum wage, 4-6 minimum wage, 7-9 minimum wage, ≥ 10 minimum wage); and self-reported arterial hypertension and diabetes mellitus, as well as according to municipality characteristics (geographic region: North, Northeast, Central-West, Southeast, and South).

Data organization

Our analysis was performed based on the conceptual framework proposed by Donabedian 18.

Three indicators were created to evaluate PHC structure and work process for obesity management, namely: (i) adequate structure – equipment, human resources, and facilities; (ii) adequate access – available collective and individual healthcare interventions; and (iii) adequate service organization and management – systematization of procedures, adequate use of medical records, matrix support and permanent education.

We also evaluated user satisfaction with PHC services. Figure 1 shows the detailed indicators, and Supplementary Material (http://cadernos.ensp.fiocruz.br/static//arquivo/suppl-e00051620-ingles-ii_4523.pdf) shows the questions from the data collection instrument. All indicators were created within the article scope based on data from the PMAQ.

The first indicator addresses components regarding structure that are considered essential for obesity management. Given that nutritional diagnosis of obesity is performed by the body mass index (BMI) and thus based on height and weight measurements, the minimum combined presence of anthropometer, 200kg scale, and the extended team was considered as adequate structure. According to the literature, the interprofessional approach is also indispensable for treatment success ⁵. Information regarding structure were obtained from Module I of the data collection instrument (Figure 1 and Supplementary Material: http://cadernos.ensp.fiocruz.br/static//arquivo/suppl-e00051620-ingles-ii_4523.pdf.

The second indicator was related to work process and addressed the essential components of adequate access to obesity care. The minimum combined presence of nutritional assessment, collective health education, and appointments for users with obesity was considered as adequate access. As for the third indicator, the minimum combined presence of records on users with obesity, matrix support from eNASF-AP, and pre-established approach for obesity management was considered as adequate service organization and management. These aspects are included within all guidelines for the care of individuals with obesity in the country ^{6,19}. Information about access and service organization were obtained from Module II of the data collection instrument (Figure 1 and Supplementary Material: http://cadernos.ensp.fiocruz.br/static//arquivo/suppl-e00051620-ingles-ii_4523.pdf).

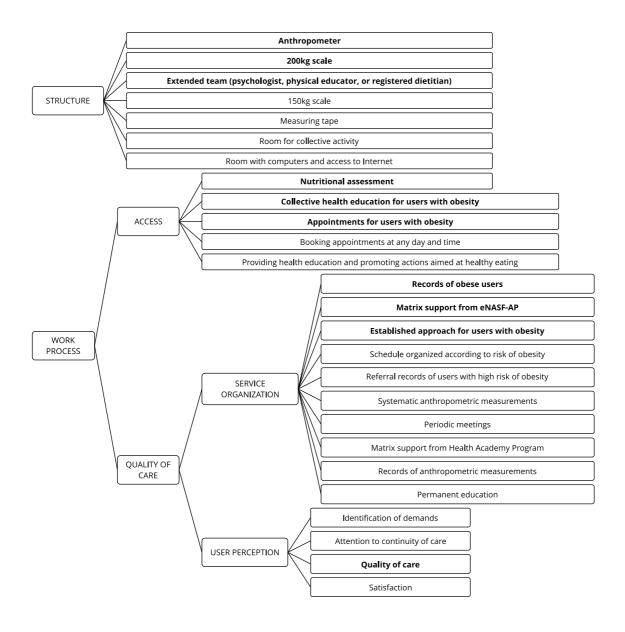
Information on user satisfaction were obtained from Module III of the data collection instrument, based on the question: "In your opinion, the care received from the healthcare team is...: "very good/good"; "regular"; or "poor/very poor" (Figure 1 and Supplementary Material: http://cadernos.ensp. fiocruz.br/static//arquivo/suppl-e00051620-ingles-ii_4523.pdf).

Statistical analysis

All analyses were conducted using Stata version 14 (https://www.stata.com), with significance level set at 5%.

Figure 1

Flowchart structure and work process.



eNASF-AP: Team of the Extended Family Health and Primary Care Center.

Note: questions in bold evaluated adequate "structure", "access" and "service organization and management".

A descriptive analysis of quantitative variables was performed using median and 95% confidence intervals (95%CI). Frequency distributions were calculated for categorical variables. Adequate structure, access, and service organization were described according geographic regions and sociodemographic and health characteristics of public health center users according to satisfaction. Differences between sample characteristics by region were identified by 95%CI.

This study was conducted according to the guidelines established in the *Declaration of Helsinki*, and all procedures involving human participants were approved by the Federal University of Pelotas, under number 21494013.0.0000.5317. All participants provided written consent before data collection.

Results

We evaluated data from 24,065 PHC units of 4,845 Brazilian cities and 114,615 PHC users.

Most users were women (79.6%) and 46.1% self-reported mixed-race and 36.6% white. More than half of the sample reported being illiterate or having some elementary or middle school (51.1%) and monthly income between 1 and 3 times the Brazilian minimum wage (67.7%). Respondents were concentrated in the Northeast (35.1%) and Southeast regions (34.5%). Moreover, 37.6% of the participants reported presenting arterial hypertension and 13.7% diabetes (Table 1).

Table 1 Sociodemographic and health characteristics of primary healthcare units users by satisfaction. Brazil, 2013-2014.

Variable	n	Total	Satisfaction		
			Very good/Good	Regular	Poor/Very Poor
			% or median (P25-P75)		
Age (years) [median] (n = 114,615)	-	43 (30-58)	44 (31-59)	39 (28-55)	37 (28-52)
Gender [%] (n = 114,615)	-	-			
Male	23,412	20.4	21.0 (20.7-21.3)	17.8 (17.3-18.4)	16.5 (15.1-18.1)
Female	91,203	79.6	79.0 (78.7-79.2)	82.1	83.4 (81.9-84.9)
Race/Ethnicity [%] (n = 112,472)				(81.6-82.7)	
White	41,145	36.6	38.0 (37.7-38.3)	29.9 (29.2-30.6)	30.3 (28.4-32.3)
Black	15,010	13.3	13.0 (12.8-13.3)	14.5	16.1
Mixed-race	51,909	46.1	45.1	(14.0-15.0) 51.2	(14.7-17.7) 48.7
			(44.8-45.4)	(50.5-51.9)	(46.7-50.8)
Asian/Indigenous	4,408	3.9	3.8 (3.7-3.9)	4.4 (4.1-4.7)	4.7 (3.9-5.7)
Education level (years) [%] (n = 114,615)	-	-			
Illiterate/Some elementary or middle school	58,517	51.1	51.3 (51.0-51.6)	49.9 (49.2-50.1)	48.7 (46.7-50.8)
Elementary or middle school/Some high school	24,135	21.1	20.7 (20.4-21.0)	22.7 (22.1-23.3)	22.9 (21.2-24.7)
High school/Some higher education	27,918	24.4	24.2 (23.9-24.5)	25.0 (24.4-25.7)	25.6 (23.8-27.4)
University degree	4,045	3.5	3.8 (3.6-3.9)	2.3 (2.1-2.5)	2.8 (2.2-3.6)
Monthly personal income (minimum wage) [%] (n = 32,440)	-	-			
<1	9,316	28.7	27.8 (27.3-28.4)	32.6 (31.3-33.9)	34.7 (31.2-38.3)
1-3	21,958	67.7	68.3 (67.7-68.9)	65.1 (63.7-66.4)	62.7 (59.0-66.2)
> 4	1,166	3.6	3.8 (3.6-4.1)	2.3 (1.9-2.8)	2.6 (1.7-4.1)

(continues)

Table 1 (continued)

Variable	n	Total	Satisfaction			
			Very good/Good	Regular	Poor/Very Poor	
			% or median (P25-P75)			
Geographic region [%] (n = 114,615)						
North	8,507	7.4	6.8 (6.7-7.0)	10.2 (9.7-10.6)	8.9 (7.8-10.2)	
Northeast	40,292	35.1	33.7	42.2	42.4	
			(33.4-34.0)	(41.4-42.8)	(40.4-44.4)	
Southeast	39,551	34.5	35.5	29.3	32.7	
			(35.2-35.8)	(2830.0)	(30.8-34.7)	
South	17,298	15.1	16.1	10.7	8.7	
			(15.8-16.3)	(10.3-11.2)	(7.6-10.0)	
Central-West	8,967	7.8	7.9	7.7	7.2	
			(7.7-8.0)	(7.3-8.1)	(6.2-8.3)	
Systemic hypertension [%] (n = 114,203)	-	-				
No	71,209	62.3	61.2	67.3	70.6	
			(60.9-61.5)	(66.6-68.0)	(68.6-72.4)	
Yes	42,994	37.6	38.8	32.6	29.4	
			(38.5-39.1)	(32.0-33.3)	(27.6-31.4)	
Diabetes mellitus [%] (n = 113,528)	-	-				
No	97,971	86.3	85.7	10.9	10.3	
			(85.5-85.9)	(10.5-11.4)	(9.1-11.6)	
Yes	15,557	13.7	14.3	10.9	10.3	
			(14.1-14.5)	(10.5-11.4)	(9.1-11.6)	

Of the seven items used to evaluate services structure, three had prevalence greater than 80%. Among the essential items (anthropometer, 200kg scale, and extended team), only the anthropometer was included within the structure of more than half units (88.9%) (Figure 2).

A total of 7.6% of PCH units presented an adequate structure (combined presence of the essential items), with higher prevalence in the South and Southeast regions (14.6% and 14%, respectively, p < 0.001) (Figure 3).

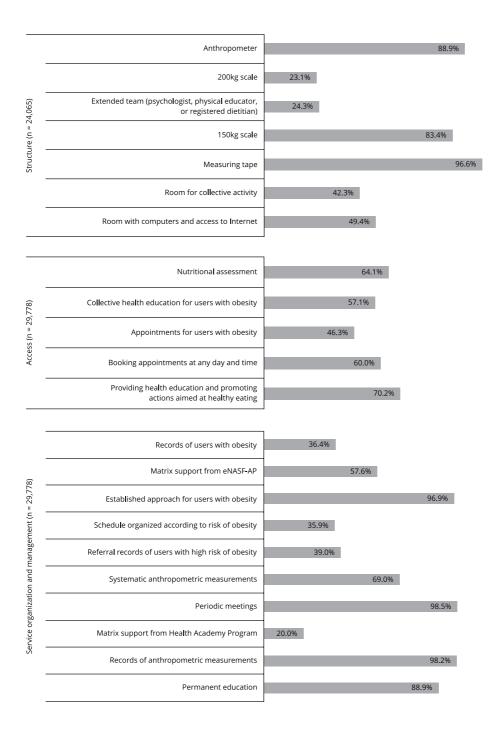
Regarding the essential items for adequate access to obesity care, 64.1% of PHC units included nutritional assessment, 57.1% collective health education, and 46.3% medical appointments for users with obesity (Figure 2). Based on our study criteria, only 26.6% of the units presented adequate access to obesity care, with lower prevalence in the North Region (18.9%, p < 0.001) (Figure 3).

As for service organization and management, 36.4% presented records on users with obesity, 57.6% matrix support from eNASF-AP, and 96.9% an established approach for obesity management (Figure 2). Considering the combined presence of essential items, 27.8% were considered to have an adequate service organization, with higher prevalence in the Southeast and Northeast (32.8% and 28.2%, respectively, p < 0.001) (Figure 3).

Over 80% of respondents rated the care provided as good or very good (user satisfaction) (Figure 4), with higher prevalence in the South and Southwest regions. Reports of poor or very poor quality of care were significantly higher in North and Northeast (Figure 4).

Figure 2

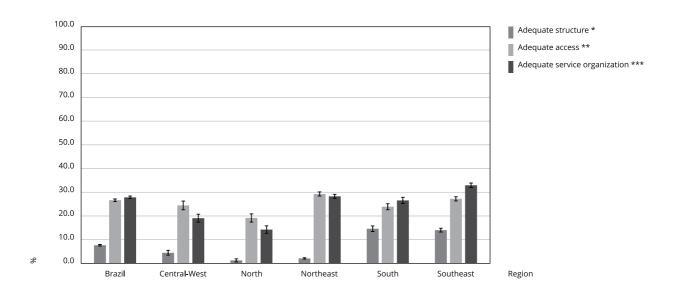
Distribution of components of structure, access, and service organization and management. Brazil, 2013-2014.



eNASF-AP: Team of the Extended Family Health and Primary Care Center.

Figure 3

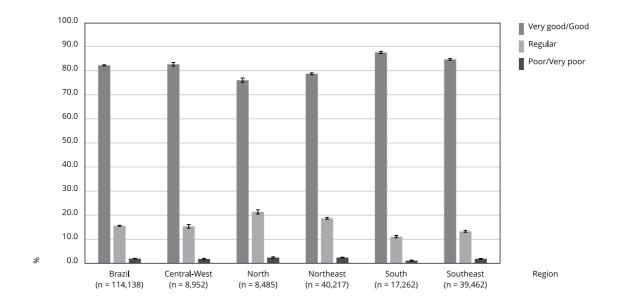
Distribution of adequate structure, access, and service organization and management according to region. Brazil, 2013-2014.



^{*} Brazil (n = 1,824); Central-West (n = 83); North (n = 20); Northeast (n = 196); South (n = 525); Southeast (n = 1,000);

Figure 4

Prevalence of users' satisfaction with primary healthcare services (95% confidence intervals) according to region. Brazil, 2013-2014.



^{**} Brazil (n = 7,933); Central-West (n = 548); North (n = 413); Northeast (n = 3,148); South (n = 1,079); Southeast (n = 2,745);

^{***} Brazil (n = 8,291); Central-West (n = 426); North (n = 307); Northeast (n = 3,040); South (n = 1,197); Southeast (n = 3,321).

Discussion

The management of obesity within PHC units in Brazil raises legitimate concerns regarding structure, access, organization, and management, especially in the North Region. We verified low adequacy regarding some of the items considered essential for obesity care, such as 200kg scales, extended team (psychologist, physical educator or registered dietitian), and records on users with obesity - present in less than 40% of PHC units. This scenario highlights the need for improvement to ensure a broader and more effective prevention and treatment of obesity within PHC.

Diagnostic and therapeutic support is essential for PHC to be more resolute in controlling obesity. For that, an adequate infrastructure (appropriate scales, chairs, access ramps, etc.), teams' size and composition, initiatives supply and access, and the management of demands and flows plays a key role in achieving better health outcomes 6.

We found less than 8% of the units to present an adequate structure, especially regarding the low frequency of extended teams, rooms for collective activities, and 200kg scales. Services structure and available materials tend to affect the resolution and comprehensiveness of PHC actions. Considering that more than 3/4 of the population exclusively uses the public health system and that more than 1 million Brazilians have severe obesity 20, the lack of adequate structure for diagnosing, evaluating, and monitoring obesity may lead to poorer quality care, increased risk of obesity-related complications and, consequently, increased healthcare spending.

With the Brazilian National Food and Nutrition Policy (PNAN) update in 2011, Brazil has received financial support and material that summarizes the description of anthropometric equipment that can be purchased and used in health services, including digital and/or mechanical 200kg scales 21. For that, managers must determine together with health professionals the required equipment to assist the local population. Before the availability of resources, we must identify the barriers to acquiring 200kg scales. Our hypothesis is that the diagnosis of the local needs is faulty, just as bureaucracies involved in equipment acquisition may demotivate managers. Further investigations are required to provide a better understanding of these issues.

Despite considerable advances ²², less than 1/4 of PHC units presented professionals on psychology, physical education, and nutrition - a markedly insufficient amount to meet the growing demand imposed by the obesity epidemic in the country. These findings indicate that obesity management within PHC units is still limited, impairing services credibility and the consolidation of initiatives focused on the PNAN 15,23,24. The new funding model for the Brazilian PHC may actually worsen this scenario, given that it no longer encourages municipalities to maintain interprofessional support teams.

A more appropriate structure could improve access and management criteria, including the adequacy of nutritional assessment, collective actions, matrix support, and appointments for and records on users with obesity. Although considered a priority by the Brazilian Ministry of Health 6, only a little more than a third of PHC units keep records of users with obesity and their referrals to other healthcare services and organize appointments according to the risk of obesity. About 2/3 of the units reported performing nutritional assessment; however, the considerable inadequacy of records on nutritional diagnosis and of care strategies definition according to risk stratification may result in low effectiveness due to non-specificity as to each individual's demands.

These results suggest that the systematic management for obesity is still incipient in the country, as well as the care aimed at overweight and obesity. In Brazil, the Ordinance n. 424/2013 redefined the care line for overweight and obesity, defending integrity within the network and providing longitudinal and multi-professional assistance by identifying individuals with obesity and stratifying their risk 6,11. However, 2013-2014 data from the PMAQ is almost simultaneous to the creation of this care line, so that our results justify its creation and indicate the need for continuous evaluation to verify whether these gaps have been bridged since then. Considering primary care attributions and the care line implementation, further assessment is essential to expand and improve the national proposal.

A quality care and successful implementation of the overweight and obesity care line requires a specialized and interdisciplinary team, which must stratify the risk for obesity, encourage self-care, and highlight users' role in their own treatment. The team must also provide care for individuals with associated comorbidities and monitor those who have undergone obesity-related surgical procedures, thus fostering treatment success 5,25,26.

The performance of multiprofessional teams is essential for ensuring comprehensive and longitudinal care for people with obesity in PHC. Nearly all interviewed teams reported holding periodic meetings, but those relying on matrix support from eNASF-AP and Health Academy Program were less frequent. Having different professionals in PHC units is ineffective if actions are not based on matrix support. In that sense, teams' adequate performance goes far beyond simply holding team meetings, including deeper interprofessional collaborative work, clinical assistance, and technical and pedagogical support 4. Thus, our results may express a misunderstanding of the concept of matrix support or a difficulty in jointly implementing therapeutic projects 24,27,28.

Generally speaking, the care provided for users with obesity in Brazilian PHC services is still precarious, with significant disparities among regions 15. Based on our indicators, the North Region often presented the lowest prevalence of adequacy whereas the Southeast had more favorable results, reinforcing the regional inequalities in the country. Another interesting comparison refers to the Northeast and the South – historically, the Northeast has the highest coverage rates by FHS teams; in turn, not only was the FHS lately implemented in the South compared with other regions, but it also has a lower coverage rate ^{29,30}. These data might explain why the Northeast presents better indicators of access, organization, and management despite the significantly lower levels of development and structure.

Regardless of the limitations of PHC centers and their teams in providing adequate obesity care, at least 3/4 of the users rated the care as very good or good. Corroborating our results, a national study revealed that 76.7% of PHC users were satisfied with the serviced provided. The main factors associated with user satisfaction were related to humanized care (e.g., feeling respected by the health professionals) and health centers structure, process, and operational conditions (e.g., short distance from home to the centers, operation hours, access to make an appointment, and room with privacy) 31. User satisfaction with PHC services strengthens community control, empowerment, and participation in the planning and evaluation processes, besides assisting managers and stakeholders in the decision-making process and establishing shared accountability for care provision 31.

Study limitations

Our results should be generalized with caution. First, adherence to PMAQ was voluntary, and the participation of PHC units and FHS teams may not be random for only the most engaged centers and best teams tend to enroll. However, such voluntary adherence provide knowledge on PHC units that approach the highest quality standards expected for the Brazilian context.

Second, our results refer to the second cycle of PMAQ. Although the third cycle has already been performed, investigating new variables, its data were not available at the time of our analysis.

Third, our sampling method was not random, so that selection bias may have occurred, affecting satisfaction results. However, the respondents were regular users of PHC units and thus assumed to be representative of the overall set of users. Our interviewees were also not necessarily the users with obesity, hindering the evaluation of obesity care from those patients' perspective.

Our results should be interpreted considering that the quantitative nature of PMAQ evaluations may not reflect the complexity of obesity management and Brazilian PHC in its entirety. Our indicators were not validated quantitatively, but the questions that make them up were developed by PMAQ experts and researchers, and their application was tested in different project cycles. Moreover, the items that compose each indicator were chosen based on a review of the national and international literature 6,11,32,33,34,35, added to the research group previous experience. All indicators were validated by technicians from the Brazilian Ministry of Health and primary care professionals. Finally, the literature indicating which indicators to use is scarce, and our results can contribute to this discussion and new studies on the topic.

Study strengths

To the best of our knowledge, this is the first study to investigate the adequacy of the structure and work process regarding obesity management in the Brazilian PHC. We also addressed the national scope and employed standardized instruments, allowing comparisons between regions. PMAQ might have been the world's largest pay-for-performance program in PHC, transcending external evaluations. By inducing team's self-assessment and identifying priorities from users' perspective, the initiative contributes to reorienting services in search of a greater resoluteness. Considering the rising prevalence of obesity, actions aimed at increasing the quality of care, such as the PMAQ, may help reducing this condition health, social, and economic impacts.

Suggestions

We identified aspects that should be improved in the obesity management in Brazilian PHC. Potentially important variables that were not included in the second cycle of PMAQ were (i) the presence of larger measuring tapes for the accurate waist measurement of users with severe obesity; (ii) number of seats with dimensions suitable for individuals with obesity, as a person with obesity needs adequate environments and accessible furniture to promote their social inclusion; and (iii) measured or self-reported weight and height for BMI calculation and obesity classification. Provided these variables, obesity care evaluation on the perspective of those with this chronic disease will probably be more accurate.

PMAQ data have a great strategic importance for providing a comprehensive view of access and quality in obesity management, improving care provision while evaluating its evolution. After three evaluation cycles conducted until 2018, reaching around 40,000 primary care teams, a new financing model for primary care was instituted in the country in January 2020. The Programa Previne Brasil in português, changed some ways of transferring transfers to the municipalities. In this model, the pay for performance considers the results achieved in a set of seven indicators. However, these indicators may not combine specific actions for the proper management of obesity, one of the main public health problems in the country. We emphasize that all governments Brazilians over time must guarantee programs to improve the quality of PHC, with the objective of improving the national health system.

Conclusions

This is the first study to investigate the adequacy of structure and work processes regarding obesity management in the Brazilian PHC. Our results suggest that the country is still in the initial stages of systematizing obesity care, showing significant disparities among regions. Thus, the structure, access, and organization of Brazilian PHC units must be improved to provide an adequate care toward obesity, justifying the need for higher investments in this care line to reverse this situation.

Contributors

M. S. Lopes and P. P. Freitas participated in data curation, formal analysis and interpretation of data, writing, review and approval of the final version of the text. N. L. Ferreira and M.C. Menezes collaborated in the writing, revision and approval of the final version of the text. A. C. S. Lopes contributed in the methodological stage, in the writing, revision and approval of the final version of the text.

Additional informations

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Resumo

O estudo tem como objetivo descrever a adequação das unidades básicas de saúde (UBS) em relação à estrutura e ao processo de trabalho relacionados ao manejo da obesidade, além de avaliar a satisfação dos/as usuários/as com os serviços de saúde. Este estudo transversal foi realizado utilizando dados do Programa Nacional de Melhoria do Acesso e da Qualidade (PMAQ) 2013-2014, uma iniciativa nacional para avaliar o desempenho das equipes de saúde. A coleta de dados ocorreu em 2013 e 2014 através de entrevistas com equipes e usuários/as dos serviços saúde. Todos os indicadores de adequação para o cuidado da obesidade foram criados no âmbito do artigo, com base nos dados do PMAQ. Foram avaliadas 24.055 UBS em 4.845 municípios, além de dados de 114.615 usuários/as. Apenas 7,6% das UBS analisadas tinham estrutura adequada para o tratamento da obesidade. O acesso adequado foi observado em 26,6%, e a organização adequada dos serviços foi encontrada para 27,8% das UBS. Os cuidados de saúde foram classificados como "bons" ou "muito bons" por 82,4% dos usuários/as. Esses indicadores variaram por região geográfica, com melhores resultados para as regiões Sul e Sudeste. Os resultados sugerem que, possivelmente, o país ainda está na fase inicial de sistematização dos cuidados com a obesidade, com significativas disparidades entre as regiões.

Obesidade; Atenção Primária à Saúde; Qualidade da Assistência à Saúde

Resumen

El objetivo de este estudio es describir la adecuación de las unidades básicas de atención (UBS) en Brasil, respecto a su estructura y proceso de trabajo para la gestión de la obesidad, así como evaluar la satisfacción de los usuarios con los servicios de las UBS. Este estudio transversal se realizó con datos del 2013-2014 del Programa Nacional de Mejora del Acceso y de la Calidad de la Atención Básica (PMAQ) – una iniciativa para evaluar el desempeño de los equipos de las UBS. Se recogieron datos entre 2013 y 2014 a través de entrevistas a equipos y usuarios de las UBS. Todos los indicadores del cuidado adecuado para la obesidad fueron definidos en el ámbito del artículo, basados en datos del PMAQ. De las 24.055 UBS analizadas, localizadas en 4.845 ciudades diferentes, solamente un 7,6% tenía una estructura adecuada para la gestión de la obesidad. Asimismo, solo un 26,6% de los 114.615 usuarios entrevistados de UBS informaron de un acceso adecuado, y un 27,8% de las UBS presentaron una organización adecuada del servicio. La atención en salud fue considerada como "buena" o "muy buena" por parte de un 82,4% de los usuarios. Estos indicadores variaron de acuerdo con la región geográfica, mostrando mejores resultados en el Sur y Sureste. Nuestros resultados sugieren que el país tal vez se encuentre todavía en un estadio inicial de sistematización del cuidado con la obesidad, presentando significantes disparidades entre regiones.

Obesidad: Atención Primaria de Salud: Calidad de la Atención de Salud