

**90 - PRELIMINARY SURVEY OF THE NUMBER OF ARTICLES WHICH PRESENT THE PRACTICE OF JAZZ DANCE APPLIED IN CANCER PATIENTS**

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**INTRODUCTION**

According to the American College of Sports Medicine-ACSM-(2015), the cancer occurs by Division and proliferation of abnormal cells, generating genetic abnormalities or mutations within the cells. With this accumulation of mutations, cancer cells become resistant to normal cell signaling processes, generating an uncontrolled growth and resistance to apoptosis (cell death).

The World Health Organization (who) States that cancer presented 14 million new cases in the year 2012 and, in 2015, has generated more than 8 million deaths worldwide, making it the second most common cause of mortality worldwide, reaching the top of that list in two or three decades. Since the estimated new cases points to an increase of 70% over the next 20 years.

Second COURNEYA et al., (2007) commonly cancer requires intervention for long periods, using intensive medical treatments which can cause a lot of damage with physical, emotional, social, spiritual, and functional. The ACSM (2015) States that the exercise presents significant results in the improvement of cancer during and after your treatment, in addition to bringing many physiological benefits, psychological, in addition to improving the quality of life.

SANDEL (2005) cites the dance as exercise option because it offers numerous benefits to cancer survival, and can be used as palliative treatment, improving the quality of life, body image and flexibility. STURM already (2014) found significant improvements in cancer fatigue in patients who participated in a dance group.

GINSBURG and GOODWIL (2009) ratified that dance can be used as therapy, psychosocial issues, such as addressing self-image, anxiety and depression, helping in the process of patient care, strengthening the connection between body and mind, through the expression of feelings and emotions.

This study is justified because of the need to conduct research on the benefits of dance for the treatment of cancer patients, since according to the authors mentioned above, there is evidence that this practice can aid in reduction of impacts caused by disease and the treatment.

The choice for jazz dance took place, as it is a language that offers a structured technique, however it is more affordable than Classical Ballet, since it's free and easy to learn, requiring less time of dedication to dance to get results. Therefore, this research is important to investigate the amount of duly published studies showing the relationship between the style of dance Jazz Dance, specifically, and the treatment of oncology patients.

**OBJECTIVE**

The present study had as main objective to carry out a preliminary bibliographical survey about the published articles that feature the jazz dance practice applied in cancer patients.

**METHODOLOGY**

This study is a bibliographic survey, through review of the literature, based on the reading of works by various authors with properly studies published on the subject. According to Severino (2016, p 131) the bibliographical research used data or theoretical categories already work by other researchers and properly recorded.

For this study, we used the coordenação de aperfeiçoamento de pessoal de nível superior (CAPES). Access to the data base of the CAPES took place on 01 November 2017, from 17 hours and 20 minutes, using the access offered by the University of Amazonia-UNAMA. Were selected only articles, of all languages, published in any year.

To the selection of keywords, we decided to use the descriptors "cancer" and "jazz dance", both translated into the English language. As an aid to the most appropriate choice of this translation, we used the Integrator component of the Virtual Health Library, health sciences descriptors (DECS). In this way, the descriptors used in the survey were cancer and jazz dance.

The first level of stratification was the search of the terms. Already the 2nd level of stratification was the result of the combination of the two terms, using the Boolean operator (AND) and peer-reviewed journals. After being read, the articles of this process have been debugged according to the criteria of inclusion and exclusion from research, which resulted in the final product, that is, the third level of stratification of the survey.

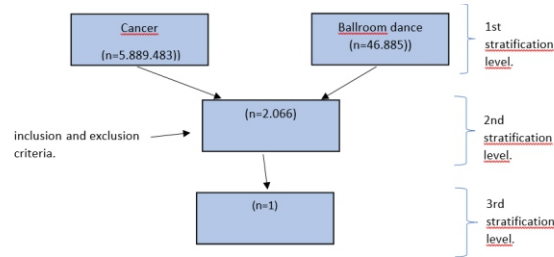
As inclusion criteria of the study, were used to treat the items proposed theme, cross-sectional and longitudinal studies, with and without intervention, with and without control and experimental group, review articles and/or meta-analysis. As exclusion criteria were used repeated and unrelated articles directly to the matter at hand, that is, items that don't treat on jazz dance applied to cancer patients were excluded from the final sample.

**RESULTS AND DISCUSSION**

Through the methodological procedures of the research described, the following results were obtained: 1st level of stratification-isolated terms- cancer (n = 5,889,483); jazz dance (n = 46,885). 2nd level of stratification-combination of the two terms- cancer and jazz dance: (n = 2,066). 3rd level of stratification, after being debugged according to the criteria of inclusion and exclusion from research- cancer and jazz dance (n = 01).

Figure 01 illustrates the flowchart representing the three levels of stratification of the survey. In this way, it is observed that the isolated terms showed a significant number of articles in both cases. However, when combined, these numbers have

been reduced significantly and these, in your time, when they were cleaned according to the criteria of inclusion and exclusion from research, presented a value even lower, with only a single article that met the requirements of the study.



1,2,3,4,5 - UNIVERSIDADE DA AMAZÔNIA - UNAMA

Figure 01: representative flowchart of the three levels of stratification of the survey.

According to a study conducted by MOLINARIO et al. (1986) with women who performed a mastectomy or Lumpectomy for breast cancer treatment, after being subjected to a program of Jazz Dance, the improvement in range of motion and functional skills, improvement in physical aspects of these patients.

The dance program suggested by MOLINARIO et al. (1986), by bringing patients to establish a common bond through shared experiences, also ended up bringing psychosocial benefits. The participants in the study reported that the dance acts as an outlet to maintain your self-confidence and self-esteem during the attempt of the primary cancer treatment or adjuvant.

For MOLINARIO et al. (1986) the dance environment is positive under both physical and psychosocial aspects, and participants learn quickly that the post-operative physical exercise can be fun when it is carried out in appropriate circumstances. This unique study found was published for over 30 years, confirming the need for systematization of latest research on the benefits of jazz dance with regard to the role of non-pharmacological treatments for cancer patients.

#### FINAL CONSIDERATIONS

After the analysis of the results, it might be inferred that there is a significant limitation of studies involving the terms jazz dance and cancer (jazz dance and cancer). This demonstrates how much it is necessary to conduct studies using this style of dance as pharmacological therapy for cancer patients.

However, despite the limited number of searches that show the benefits of jazz dance for patients with cancer, there is evidence that this activity can bring physical and psychosocial benefits for these patients. This confirms the need for systematization of knowledge produced on the theme in two spheres of knowledge (physical and psychosocial aspects) in combination.

Based on this knowledge gap, the pharmacological treatment through the dance stands out due to the benefits it brings, as improved body image and cancer fatigue. From this result, it is believed that more studies should be made, relating to the practice of jazz dance for people with cancer.

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#### PRELIMINARY SURVEY OF THE NUMBER OF ARTICLES WHICH PRESENT THE PRACTICE OF JAZZ DANCE APPLIED IN CANCER PATIENTS

The dance can be used as therapy, psychosocial issues, such as addressing self-image, anxiety and depression, helping in the process of treatment of the patient with cancer, strengthening the connection between body and mind, through the expression of feelings and emotions. The choice for jazz dance took place, as it is a language that offers a structured technique,

however it is more affordable than Classical Ballet. This study aimed to conduct a bibliographic survey about articles that present the jazz dance practice applied in cancer patients. The research conducted bibliographic survey, through review of the literature. It was used the coordenação de aperfeiçoamento de pessoal de nível superior (CAPES), by access offered by University of Amazônia – UNAMA. Were selected only articles, of all languages, published in any year. The descriptors used were cancer and jazz dance, translated by Virtual Health Library, health sciences descriptors (DECS), divided into three levels of stratification: 1°-2°-isolated; terms terms combined; 3°-debugged according to the criteria of inclusion and exclusion from research (articles that cover not repeated and the theme proposed were excluded). The results obtained were as follows: 1st level of stratification- cancer (n = 5,889,483); jazz dance (n = 46,885). 2nd level of stratification- cancer and jazz dance: (n = 2,066). 3rd level of stratification-n = 01. Only one article has met the requirements of the study and this reported that the jazz dance can bring both physical and psychosocial benefits for patients. After the analysis of the results, it might be inferred that there is a significant limitation of studies involving the terms jazz dance and cancer, although there are indications that the dance environment is positive for these patients.

Key words : dance; jazz dance, cancer.

#### ENQUETE PRELIMINAIRE SUR LE NOMBRE D'ARTICLES QUI PRESENTENT LA PRATIQUE DE LA DANSE JAZZ APPLIQUEE CHEZ LES PATIENTS CANCEREUX

La danse peut être utilisée dans le traitement des problèmes psychosociaux, tels qu'image de soi, l'anxiété et la dépression, aider dans le processus de traitement des patients atteints de cancer, renforcer le lien entre le corps et l'esprit, par le biais de l'expression des sentiments et des émotions. Le choix est jazz danse a eu lieu, comme c'est la langue qui vous propose une technique structurée, mais il est plus abordable que le Ballet classique. Cette étude visait à mener une enquête bibliographique sur les articles qui présentent le jazz dansent pratique appliquée chez les cancéreux. La recherche # menée enquête bibliographique, par le biais de revue de la littérature. On l'utilisait la coordenação de Aperfeiçoamento de pessoal de nível superior (CAPES), par l'accès offert par l'Université de Amazônia – MANUA. Étaient seulement des articles sélectionnés, de toutes les langues, publiés chaque année. Les descripteurs utilisés ont été le cancer et la danse jazz, traduit par Bibliothèque virtuelle de la santé, descripteurs de sciences de la santé (DECS), divisé en trois niveaux de stratification : 1°-2° -isolé ; conditions termes combinés ; 3° -déboqué selon les critères d'inclusion et d'exclusion de la recherche (article qui couvrent ne pas répété et le thème proposées ont été exclus). Les résultats obtenus étaient les suivants : 1er niveau de stratification - cancer (n = 5 889 483) ; danse jazz (n = 46.885). 2ème niveau de stratification - danse jazz et cancer: (n = 2,066). 3e niveau de stratification-n = 01. Qu'un article a satisfait aux exigences de l'étude et il a signalé que la danse jazz peut apporter des avantages physiques et psychosociaux pour les patients. Après l'analyse des résultats, on peut déduire qu'il existe une limitation significative de la danse jazz de termes et de cancer, bien qu'il y a des indications que le milieu de la danse est positif pour ces patients.

Mots clés : danse ; danse jazz, cancer.

#### ESTUDIO PRELIMINAR DEL NÚMERO DE ARTÍCULOS QUE PRESENTAN LA PRÁCTICA DE LA DANZA JAZZ APLICADA EN PACIENTES CON CÁNCER

La danza puede ser utilizada como terapia, problemas psicosociales, como abordar la autoestima, la ansiedad y la depresión, ayudando en el proceso de tratamiento del paciente con cáncer, fortalecer la conexión entre cuerpo y mente, a través de la expresión de sentimientos y emociones. La elección es jazz danza llevó a cabo, como es el lenguaje que ofrece una técnica estructurada, sin embargo, es más asequible que el Ballet clásico. Este estudio pretende realizar un estudio bibliográfico sobre artículos que presentan el jazz danza práctica aplicada en pacientes con cáncer. La investigación # realizado bibliográfica encuesta, a través de la revisión de la literatura. Se utilizó la coordenação de aperfeiçoamento de pessoal de nível superior (CAPES), por el acceso ofrecido por Universidad de la Amazonia – UNAMA. Eran artículos seleccionados solamente, de todas las lenguas, publicados en un año. Los descriptores utilizados fueron el cáncer y la danza jazz, traducido por Biblioteca virtual en salud, descriptores en Ciencias de la salud (DECS), dividido en tres niveles de estratificación: 1°-2° -aislado; términos condiciones combinan; 3° depurados según los criterios de inclusión y exclusión de la investigación (artículos que no repetidas la cobertura y el tema propuestas fueron excluidos). Los resultados obtenidos fueron los siguientes: 1° nivel de estratificación - cáncer (n = 5.889.483); danza del jazz (n = 46.885). 2° nivel de estratificación - danza jazz y cáncer: (n = 2.066). 3° nivel de estratificación-n = 01. Sólo un artículo ha cumplido con los requisitos del estudio y éste informó que la danza jazz puede traer beneficios físicos y psicosociales para los pacientes. Tras el análisis de los resultados, se puede inferir que existe una limitación significativa de estudios con la danza jazz términos y cáncer, aunque hay indicios de que el ambiente de la danza es positivo para estos pacientes.

Palabras clave : danza; danza jazz, cáncer.

#### LEVANTAMENTO PRELIMINAR DO QUANTITATIVO DE ARTIGOS QUE APRESENTEM A PRÁTICA DO JAZZ DANÇA APLICADA EM PACIENTES ONCOLÓGICOS

A dança pode ser utilizada como terapia, abordando questões psicossociais, como autoimagem, ansiedade e depressão, auxiliando no processo de tratamento do paciente com câncer, fortalecendo a conexão entre corpo e mente, por meio da expressão dos sentimentos e das emoções. A escolha pela dança jazz se deu, pois é uma linguagem que apresenta uma técnica estruturada, porém é mais acessível do que Ballet Clássico. Este estudo objetivou realizar um levantamento bibliográfico acerca dos artigos que apresentem a prática da dança jazz aplicada em pacientes oncológicos. A pesquisa realizou levantamento bibliográfico, por meio de revisão da literatura. Foi utilizada a base de dados da coordenação de aperfeiçoamento de pessoal de nível superior (CAPES), por acesso oferecido pela Universidade da Amazônia - UNAMA. Foram selecionados apenas artigos, de todos os idiomas, publicados em qualquer ano. Os descritores utilizados foram cancer e jazz dance, traduzidos pela Biblioteca Virtual em Saúde, Descritores em Ciências da Saúde (DECS), divididos em três níveis de estratificação: 1° - termos isolados; 2° - termos combinados; 3° - depurados segundo os critérios de inclusão e exclusão da pesquisa (artigos repetidos e que não abordassem o tema proposto foram excluídos). Os resultados obtidos foram os seguintes: 1° nível de estratificação - cancer (n= 5.889.483); jazz dance (n= 46.885). 2° nível de estratificação - cancer and jazz dance: (n= 2.066). 3° nível de estratificação - n= 01. Apenas um artigo atendeu às exigências do estudo e este relatou que a dança jazz pode trazer benefícios tanto físicos quanto psicossociais para os pacientes. Após a análise dos resultados, pôde-se inferir que há uma limitação significativa de estudos que associem os termos dança jazz e câncer, apesar de haver indícios de que o ambiente da dança é positivo para esses pacientes.

Palavras chaves: dança; jazz dance, câncer.