A Review of The Notion of Healthy Eating Practices in Islam For a Healthy Lifestyle

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Abstract

The number of obesity and diseases related to obesity increases globally, which impose a burden on healthcare costs. The first line to prevent these is by practicing a healthy lifestyle, particularly healthy eating practices from the early years. This review focuses on eating practices based on Holy Quran and Hadith recommendation. Muslim scholars view based on the Holy Quran and Hadith recommendation were also referred to. This review highlights the healthy eating practices by Rasulullah PBUH and enlighten the importance of halalan tayyiban foods. The electronic databases used were Google Scholar, Medline and PUBMED. Related books, journals, and articles were also reviewed. Healthy eating should begin from the first day of human life, that is, through breastfeeding. Healthy eating practices by Rasulullah PBUH through prophetic foods and the scientific benefits have significant human value. Proper techniques like moderation in oral intake, masticating food well, eating fruit before a meal and consuming vegetable oil like olive oil are techniques practised by Rasulullah PBUH. Fasting, as a scientifically promoted method for a healthier life was practiced much earlier by Rasulullah PBUH. This review likewise describes the halalan tayyiban foods, which are an essential part of daily eating practices.

Keywords: Review, Healthy Eating Practices, Healthy Lifestyle, Islam, Halalan Tayyiban

1. Introduction

Healthy eating practices play a vital role in maintaining nutrition and health. However, excessive eating leads to obesity and Non-Communicable Diseases (NCD). Islam guides the Muslims in life, including eating, as this preserves the body and soul for ‘ibadah’. For Muslims who strive into incorporating this guideline given by Allah s.w.t., their whole day will be a form of remembrance of God, making them spiritually satisfied (Mohammad Naim Khalid S, Mansoor Sediqi S., 2018). Islam gives out recommendations and guidelines on the type of food, quantity to eat and method of eating. The choices of food to eat and beha3voir are crucial determinants of health (Provencher V, Jacob R., 2016). Ibn Sina (Avicenna) mentioned that a clinician ought to know the cause of disease and knowledge on health to treat a patient (W.W. Francis, 1931).

However, some causes of diseases are hidden and unreported. This can be due to lifestyle, most notably due to eating habits, which can be a norm for an individual. Sadly, not many people are aware of the recommendations from the Quran and Hadith. Some may not be aware that this starts from as early as they were born. Hence, through this review, some healthy eating practices in Islam are highlighted, including eating practices that can be implanted in adults and children. This implementation is essential for adult as primary prevention of diseases and in achieving spiritual satisfaction. As for children, this develops healthy eating habits and leads to healthy lifestyle practices that prevent obesity. It is reported that childhood obesity in Malaysia has risen from 11.9% in 2015 to 14.8% in 2019. This rate increased dramatically (Hui Chin Koo, 2020). This will also help children to practice what the religion has preached. Therefore, these recommendations about nutrition in Islamic teachings, which begin as early as humans are born, need to be informed and emphasized to the community. This review will identify the age to start healthy eating practices as mentioned in the Holy Quran, highlight the healthy eating practices by Rasulullah PBUH, and enlighten the importance of halalan tayyiban food. This review is expected to achieve the key aim of disseminating knowledge on healthy eating from the perspective of Islam. This is an integral part of Aqli and Naqli that is anticipated to benefit the community.
2. Material and Methods

The literature review was based on the Holy Quran and the Hadiths. The electronic databases used were Google Scholar, Medline and PUBMED. Other related books, journals, and articles were also read based on a search regarding the topics associated with their relevance. Several references in the papers and journals were further extracted from the past 15 years and searched to provide reliable sources.

3. Discussions

The Beginning of Healthy Eating

Healthy eating or oral intake begins from birth. For newborns in Islam, similar to the field of medicine, breastfeeding is given as soon as birth (Csort GL et al., 2014). In the Holy Quran, it is recommended for the mother to breastfeed her child for two years if it is possible for them. Moreover, it is the right of every newborn infant to be breastfed. Therefore, Islamic law considers breastfeeding as one of the fundamental human rights (Bensaid B., 2021).

Meaning:

Mothers may breastfeed their children two complete years for whoever wishes to complete the nursing [period]. Upon the father are the mothers’ provision and their clothing according to what is acceptable. No person is charged with more than his capacity. No mother should be harmed through her child and no father through his child. And upon the [father’s] heir is [a duty] like that [of the father]. And if they both desire to wean through mutual consent from both and consultation, there is no blame upon either of them. And if you wish to have your children nursed by a substitute, there is no blame upon you as long as you give payment according to what is acceptable. And fear Allah and know that Allah sees what you do. (Al-Baqarah 2: 233)

Based on this Quranic verse, breastfeeding a child is the responsibilities of both parents. The father is obliged to provide for the mother’s needs throughout the process of breastfeeding Ibn Kathir, 1999). The mother must breastfeed her child with al-laba’, the first form of milk produced soon after birth (Al-Zuhaili, 2011). In medicine, breast milk’s early component is the colostrum, which has numerous benefits (Ballard O, Morrow AL., 2013). While in the uterus, the fetus is nourished via maternal blood through the placenta. Upon birth, feeding is abruptly, to nourish the infant via breast milk. Therefore, the neonate is placed with the mother. The World Health Organization recommends infant breastfeeding as soon as they are born (World Health Organization, 2022).

Some Muslims have a misconception that their child will have inadequate nutrition if fed with colostrum only. Hence, they feed their child with honey or water (Zahan R et al., 2020). This is a cultural practice and not a practice recommended by the religion. Therefore, this misconception needs to be corrected as honey and water given as supplementation has a risk of exposing their child to botulism, poor weight gain and electrolyte imbalance that can risk their child’s life (Wojtacka J et al., 2017). Therefore, if a proper explanation on breastfeeding to infants as recommended in Islam is given to parents, infant morbidity and mortality can be prevented. The child will be introduced to solid food around six months of age to support growth, while still breastfeeding. This process is called weaning. During weaning, a child begins to accept increased amount and types of solid feedings but is still being breastfed on demand (Akpor O et al., 2019). The process of weaning is mentioned in Surah Al-Ahqaf, 46:15.
Meaning:

“And We have enjoined upon man, to his parents, good treatment. His mother carried him with hardship and gave birth to him with hardship, and his gestation and weaning [period] are thirty months. [He grows] until, when he reaches maturity and reaches [the age of] forty years, he says, “My Lord, enable me to be grateful for Your favour which You have bestowed upon me and upon my parents and to work the righteousness of which You will approve and make righteous for me my offspring. Indeed, I have repented to You, and indeed, I am one of the Muslims.”

(Surah Al-Ahzaf 46:15)

Weaning is a necessary step in medicine, for a child to achieve normal growth. Weaning regulates a child’s behaviour regarding food consumption and nutrition intake. Diet during weaning seems to have a programming effect on food behaviour and health outcomes later in life. This is because, as the parent introduced the diet to the child, the child will be programmed for the taste introduced during weaning. The child might prefer a similar taste of diet later in life. Thus, the taste experienced early in life affects the food preferences later in life and the food-related behaviour throughout life (Scaglioni S. et al, 2018). Therefore, healthy eating begins from breastfeeding as soon as a child is born, weaning, and eventually to an adult diet.

Healthy Eating Practices by Rasulullah PBUH and in Holy Quran.

The discussion of the practice of healthy eating by Rasulullah PBUH and in the Holy Quran next is about the choices of food. The two prophetic foods discussed are dates and barley. This manuscript provides information on the review of the scientific benefits of dates and barley.

a. Prophetic Foods and Their Scientific Benefits

In Islam, Muslims are recommended to pay great attention to their eating practices, particularly in the content of the food, to obtain a pure heart and clear mind. This also inspires the soul and assist towards a clean, healthy body. Rasulullah PBUH as the best human had shown many examples of practices to be followed for good health both physically and mentally. Rasulullah PBUH emphasized the food mentioned in the Holy Quran (Tarighat-Esfanjani A. et al., 2016). These foods are called the ‘Prophetic Food’, such as barley, honey, dates, goat’s milk, and other foods mentioned in the Holy Quran. There are studies done to prove the benefits of these ‘Prophetic Foods’ (Siti Munirah Abdul Basir et al., 2016). This demonstrates that the recommendation by Rasulullah PBUH is valid and beneficial to the community.

i) Dates

The most famous ‘Prophetic Food’ is the dates, which comes from a plant belonging to the genus Phoenix. The Arabic word “nakhli” refers to the date-palm tree (Tamizi, S. M. et al., 2014). “rutab” refers to ripe dates and “tamr” means dried dates (Al-Raghib al-Asfahani, n.d.). Ibn Sina, in his writing, mentioned that dates are nutritious fruit (Ibn Sina, A.A.H., 1999). Scientific review shows the nutritional contents of dates, and even the seeds have numerous benefits (Al-Farsi MA, Lee CY., 2008). Dates also improve the stomach’s function for digestion, as described by Ibn Qayyim (Ibn Qayyim al-Jauziyyah, n.d.). Science proves that when food is taken on an empty stomach, it has more contact with gastric secretions, thus absorbed faster to nourish the human body (MacFarlane NG., 2018). Rasulullah PBUH encouraged us to eat dates every morning (Ibn Qayyim al-Jauziyyah, n.d.) and upon breaking of fast (Muslim, 2000). In science, at these two times, the stomach is empty as there is no food intake. Hence, the absorption of the nutrition from dates should be maximized into the human body (MacFarlane NG., 2018). This fact was known earlier by Rasulullah PBUH. The hadiths below show the importance of eating dates:

عبير بن سعد عن أبيه قال: قال رسول الله صلى الله عليه وسلم "من تنصيح كل يوم مسببات عجوة لم يضره في ذلك اليوم سم ولا سحر".
Meaning:
Narrated Sa’ad: Rasulullah said: “Whoever has seven ‘ajwah dates for breakfast will not suffer any poison or sorcery for the whole day”.
(Al-Bukhari, hadith number: 5445, Muslim: 2047, Abu Daud: 3876)

عن أنس بن مالك قال كان النبي صلى الله عليه وسلم يفطر قبل أن يصلي على رطبات فإن لم تكن رطبات قتمرات فإن لم تكن مراتاً حسبا حسوات من ماء.

Meaning:
Anas bin Malik reported: Rasulullah PBUH would break his fast with fresh dates before performing prayer. If there were no fresh date fruits, he would break the fast with dried dates, and if there were no dried dates, he would take a few sips of water.
(Al-Tirmidhi, hadith number: 696, Abu Daud: 2356, Ibn Majah: 75)

Rasulullah PBUH had also consumed fresh date fruits together with cucumber (Al-Bukhari, 2000). According to al-Suyuti, fresh dates may heat the body, while cucumber has a cooling effect (Abu Dawud, n.d.). This may be the cause why Rasulullah PBUH consumed both fruits together:

عبد الله بن جعفر قال، رأيت النبي صلى الله عليه وسلم يأكل رطبًا بالقثاء.

Meaning:
Narrated Abdullah bin Ja’far: I saw the Prophet PBUH eat fresh ripe dates with cucumber.
(Al-Bukhari, hadith number: 5447, Muslim: 2043, Abu Daud: 3835)

Allah s.w.t. ordered Maryam, mother of Prophet Isa a.s. to consume dates during labour as stated in Surah Maryam, 19 verse 2:

وَهُبْتُ تِلْكَ بَيْنَ يَدَيْكَ ٱلنخْلَةَ لَسْتَ وَقِفْتَ عَلَى مَوْةٍ جَنِبًا

Meaning:
“And shake toward you the trunk of the palm tree; it will drop upon you ripe, fresh dates.”
(Surah Maryam 19:25)

This is consistent with dates benefit as proven scientifically (Al-Farsi MA, Lee CY., 2008). Summary of the other benefits of dates to human health:

<table>
<thead>
<tr>
<th>Author</th>
<th>Year</th>
<th>Conclusion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Taavoni, S., Fathi, L., Ekbatani, N. N., &amp; Haghani, H.</td>
<td>2018</td>
<td>The use of palm syrup lowers the pain intensity during labour.</td>
</tr>
<tr>
<td>Mohammadierad, R., Mohammad- Alizadeh-Charandabi, S., Mirghafourvand, M., &amp; Fazil, F.</td>
<td>2018</td>
<td>Oral syrup of saffron with date juice can reduce the pain intensity and anxious especially during labour.</td>
</tr>
<tr>
<td>Al-Hisnawi, A. A.</td>
<td>2017</td>
<td>Antimicrobial activities exhibited by both date and pomegranate.</td>
</tr>
</tbody>
</table>
ii) Barley

Barley is the fourth most important cereal crop in the world, proceeded by wheat, maize, and rice (Sakellariou M, Mylona P V., 2020). These blessing grains are cultivated cereals as stated in The Holy Quran:

وَهُوَ الَّذِي أُنْزِلَ مِنَ السَّمَاءِ مَاءً فَأَخْرَجْنَا مِنْهُ نَباتٍ كُنِيَّ شَعَابٍ فَأَخْرَجْنَا مِنْهُ خَضْرَةً خُضْرًا حَاكُوا تَمْرًا وَمِنَ النَّخَالِ مِنْهُ فِوَانَ دَانِيَةً وَجَنَّاتٍ مِّنْ أَفَاقَابِ الْيَلِينَ وَالْيَلِينَ مَسْتَبِنًا وَغَيْرُ مَسْتَبِنِ الْيَلِينَاتُ ﴿ذَلِكَ مُّنْتَظِرٌ﴾

Meaning:

“And it is He who sends down water from the sky and brings forth with it every kind of growing thing. Then from it, We bring forth green stalks from which We produce the grain. And from the palm tree, from the spathe of it, low hanging clusters of dates, and gardens of grapes, olives, and pomegranates, similar and dissimilar. Look at its fruit as it fructifies and ripens. Indeed, there are signs in that for a people who have faith”.

(Surah al-An’am 6:99)

Based on scientific research, barley is considered to be a beneficial grain. It is easily digestible, prevents many diseases like chronic heart disease, improves blood pressure, and prevents colon cancer and gallstones if consumed regularly (Idehen E, Tang Y, Sang S., 2017). It is the best diet for patients or those feeling weak. Rasulullah PBUH liked barley and used it in various forms. Barley bread and “al-talbinah” are porridge made from barley flour formed by adding honey or milk (Al-Bukhari, 2000). A’isyah, the wife of Rasulullah PBUH during a bereavement in her family, recommended “al-talbinah” for the person that grieved over a dead person. It is also suitable for the sick.

وَكَانَتْ تَقُولُ إِنَّمَا سُمِّعْتُ رَسُولَ اللَّهِ صَلَّى اللَّهُ عَلَيْهِ وَسَلَّمُ يَقُولُ: "إِنَّ الْتَّبْلِيْنَ يَجْمَعُ فَوَازِدَ الْمَريِّضِ، وَذَهَبْ بِعَضَ البِحْرِ"

Translation:

‘Aisyah used to say: “I heard Rasulullah PBUH saying: “al-Talbinah strengthens the heart of the patient and relieve some of the sad person’s sorrow and grief.””

(Al-Bukhari hadith number: 5689, Muslim: 2216)

Ibn Qayyim states that barley water helps against coughing and throat roughness, relieves the irritant excess excrement, produces more urine, cleanses the stomach, quenches thirst, and extinguishes heat (Ibn Qayyim al-Jawziyyah, n.d.). Ibn Sina recommended drinking barley water while having a fever. Travellers to extremely hot regions are also suggested to take barley (Ibn Sina, 1999). Evidence shows that barley can boost the immune system (Zeng Y, 2020), implying that it is good food for human. A high fibre food with essential minerals, vitamins, and phytochemicals keeps us energetic the whole day (Idehen E. et al, 2017).

The medicinal uses of barley have been summarized below:

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anti-cough</td>
<td>Apples, dried figs, and pears mixed with the H. Vukgare seeds.</td>
</tr>
<tr>
<td>Fever</td>
<td>Barley acts as an anti-inflammatory and soothing agent.</td>
</tr>
<tr>
<td>Urinary Tract Infection</td>
<td>The dried fruit is used in Argentina as a treatment for UTI</td>
</tr>
</tbody>
</table>

Rasulullah PBUH also eats bread called “al-sya’ir” made up of wheat. This is another type of grain, but it is not as popular as barley.

b. Techniques of Eating by Rasulullah PBUH

The important methods of eating technique that was practiced by Rasulullah PBUH are eating in moderation, masticating food well, eating fruit before a meal, consumption of vegetable oil, olive oil.

i) Eating in Moderation

In Islam, Muslims are ordered by Allah s.w.t, the Almighty to balance in both food and drink. Muslims are advised not to take food in excessive amount. As Allah s.w.t. mentions in the Holy Quran:

"يا أيبي آدم حذوا زينتكم عند كل مسجد وثنا واشروا ولا تسرفو إلّا لا يحب العمل الصوفي"  
Translation:
“Children of Adam! Dress properly whenever you are at worship. Eat and drink, but do not waste. Surely Allah does not like those who go to excess".  
(Surah al-A’raf 7:31)

As a method of preventing disease and sickness, Rasulullah PBUH emphasized the habit of eating in moderation. Narrated by Nafi’: Ibn Umar never used to eat unless a poor man was called to eat with him. This means he shares his food and takes it in a small portion as suggested medically (Al-Bukhari, 2000) in another hadith:

قال رسول الله صلى الله عليه وسلم: "يأكل المسلم في معي واحد، والكافر يأكل في سبعة معام".
Meaning:
“A believer eats in one intestine (is satisfied with a little food), and a kafir (unbeliever) eats in seven intestines (eats much food).”  
(Al-Bukhari hadith number: 5393, Muslim: 2060, Ibn Majah: 3257)

Meanwhile, another hadith narrated from Miqdam bin Madikarib (Al-Tirmidhi, 1975) guides on food portion:

"سمعت رسول الله صلى الله عليه وسلم يقول: "ما مالآدمي وعاء شرا من بطن حسب الأدمي لقيمته يغتنص صلبه فإنه غلبت الأدمي نفسه خلت للطعام ولثة للشراب ولثة للنفس".
Meaning:
“A human fills no worse vessel than his stomach. It is sufficient for a human to eat a few bites to keep his spine straight. But if he insists, one third should be reserved for his food, another third for his drink and the last third for his breathing”.
(Al-Tirmidhi hadith number: 2380, Ibn Majah: 3340)

Therefore, Imam al-Ghazali advised Muslims to eat when hungry and stop eating before feeling stomach fullness to maintain health (Al-Ghazali, 2011). Similarly, Ibnu Sina announced not to fill stomach despite a good appetite so that the consumed food digests easily, which prevents impairment in digestion (Ibn Sina, 1999). Meanwhile, al-Suyuti suggested human not have a meal until the one before it has been digested, because eating a second meal without fully digesting the first is harmful (Al-Suyuti, 2002). In medicine, overeating causes obesity, leading to many other diseases. One of which is the early complication of obesity, the gastroesophageal reflux disease (GERD). GERD is a risk factor for esophageal cancer (Razzoli M. et al., 2017). Thus, the suggestion of Muslim scholars has a benefit for human health.
ii) Masticating Food Well

There is a claim that a Muslim need to chew 40 times when eating. But no hadith supported the claim. However, according to Imam al-Nawawi, although no hadith supported chewing 40 times, it is a good practice as it is a polite act, especially when eating with others (Al-Nawawi, 1996). Ibn Qayyim mentioned chewing well prevents sickness (other than death). He advised those unable to chew appropriately not to eat hard food as the stomach will not digest the food well (Ibn Qayiyim al-Jawziyyah, n.d.). This process of chewing food is called mastication, the medical term that is vital for adequate nutrition (Le Révérend BID. Et al., 2014). Mastication also prevents choking, which can lead to sudden death (Asha T.H.E, Ader L.E., 2019).

Masticating decreases the size of food and mixes food well with saliva to prepare for gastric digestion and nutrition absorption (Krop EM. et al., 2018). Scientifically, masticating 40 times reduces the blood sugar level after a meal (Shirali A. et al. 2019). For those without diabetes mellitus type 2, masticating slowly has a direct association with the prevention of diabetes mellitus (Yamazaki T. et al. 2013). Those diagnosed with diabetes mellitus type 2 are encouraged to reduce their mastication speed to control their blood sugar level and risk of obesity, which is associated with cardiovascular risk (Hurst Y., Fukuda H., 2018). From studies, mastication affects appetite and weight gain. In a study, 55g of almonds chewed at 10, 25, and 40 times found that masticating the almonds 40 times suppressed hunger the most compared to 19 and 25 times. Masticating food 40 times suppressed hunger for the next 1 hour and 30 minutes. This gives a sense of fullness for the next 1 hour (Cassady BA. Et al., 2009). This shows that masticating food well is essential to prevent obesity.

<table>
<thead>
<tr>
<th>Author</th>
<th>Year</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hirano, Y., &amp; Onozuka, M.</td>
<td>2015</td>
<td>Chewing causing increment in attention and improve mood to relieve stress.</td>
</tr>
</tbody>
</table>

iii) Eating Fruit Before a Meal

Chronologically, as stated in verses 20 to 21 in surah al-Waqi’ah, eating fruits before consuming a meal is recommended.

Translation:
“And fruit of what they select. And the meat of fowl. From whatever they desire.”

Among the pearls of wisdom on why fruits are first mentioned in this verse was stated by Syeikh Wahbah al-Zuhaili, such that it travels down faster (to the stomach) and efficiently digested. The human body will be better prepared to accept food, since the gastric juice is secreted upon food (fruit) arrival to the stomach (Al-Zuhaili, 1998). According to Imam al-Ghazali in his Ihya ’Ulum al-Din, he stated that “The encouraging order of eating is first to eat the fruits for it is in line with the field of medicine. Furthermore, it (fruit) is faster to be digested. Thus, it is better first to eat fruits, so that it will be at the bottom of the stomach (compared to other food)” (Al-Ghazali, 2011). Similarly, Imam al-Nawawi stated that it is preferable to serve fruits over bread, meat, and other food (Al-Nawawi, 1996). However, no hadith proves that Rasulullah PBUH suggested starting our meal with fruits except for a hadith in Sahih Muslim. It narrates that Rasulullah PBUH went out at night with Abu Bakr, and Umar. They went to Abu Haitham’s house, and Abu Haitham fed them dates first (Muslim, 2000).
Clinical study shows that eating fruit before a meal has a significant effect on an individual’s satiety. GLP-1 is a hormone produced in the human gut following food ingestion that delays gastric emptying. This suppresses appetite, which then aids in regulating an individual’s weight. The practice of fruit consumption before a meal is also associated with a reduction of subsequent energy intake. By reducing energy intake, prevents obesity (Hakim BNA. et al., 2019).

<table>
<thead>
<tr>
<th>Author</th>
<th>Year</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kant, A. K., &amp; Graubard, B. I.</td>
<td>2005</td>
<td>A diet with high energy density food (low fruits and vegetables) causes higher BMI in the US.</td>
</tr>
<tr>
<td>Ledikwe, J. H., Blanck, H. M., Kettel Khan, L., Serdula, M. K., Seymour, J. D., Tohill, B. C., &amp; Rolls, B. J.</td>
<td>2006</td>
<td>A diet with low energy density is encouraged by adding on fruits and vegetable. This kind of diet proves the importance of fruit and vegetable consumption for weight management</td>
</tr>
</tbody>
</table>

**iv) Consumption of Vegetable Oil, Olive Oil**

The Holy Quran also mentioned the use of vegetable oil for food:

﴾ُوشَجَرَةُ تََْر ج ُُوَكَلْبَتْ هِيَ شَجَرَةٌُُعِبَّرَتْ مِن طُورٍ سِيْنَانَ﴾ُ

Meaning:

“And [We brought forth] a tree issuing from Mount Sinai which produces oil and food for those who eat”

(Surah Al-Mu’minun 23:20)

Imam al-Tirmidhi and Ibn Majah narrated that 'Umar ibn al-Khattab stated from Rasulullah PBUH that (26,27):

"كلوا الزيت وادهنوا به فإنه من شجرة مباركة"

“Eat of its oil and use it (the olive), for indeed it is from a blessed tree”.

(Al-Tirmidhi hadith number: 1851, Ibn Majah: 3319)

Ibn Qayyim stated that the best type of olive oil is that squeezed from ripe olives. Ibn Qayyim and Imam al-Suyuti listed many benefits of olive oil. It helps against poisons, acts as a laxative, rids worms, softens the skin, slows the ageing process, strengthens the gingival (Ibn Qayyim al-Jawziyyah, n.d.), gives good bowel movement, soothes pains, and fortifies the hair and the limbs (Al-Suyuti, 2002).

<table>
<thead>
<tr>
<th>Author</th>
<th>Year</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gavahian, M., Mousavi Khaneghah, A., Lorenzo, J. M., Munekata, P. E., Garcia-Mantrana, I., Collado, M. C., ... &amp; Barba, F. J</td>
<td>2019</td>
<td>Olive oil can have a positive effect on the microbiota of the gut. It can also prevent CVD (due to high level of phenolic compounds and health-promoting carotenoids)</td>
</tr>
<tr>
<td>Mazza, E., Fava, A., Ferro, Y., Rotundo, S., Romeo, S., Bosco, D., ... &amp; Montalcini, T.</td>
<td>2018</td>
<td>MedDiet plus extra virgin olive oil (EVOO) improves cognitive function scores compared to MedDiet alone. There is a neuroprotective effect.</td>
</tr>
<tr>
<td>Jurado-Ruiz, E., Varela, L. M., Luque, A., Berná, G., Cahuana, G., Martinez-Force, E., ... &amp; Martín, F.</td>
<td>2017</td>
<td>Diet with EVOO has an anti-inflammatory effect on adipose tissue and could repair HFD-induced hepatic injury</td>
</tr>
</tbody>
</table>
v) Fasting As a Method of Practice for Healthy Eating

Twice a week, Rasulullah PBUH will perform fasting, especially on Monday and Thursday. During fasting, he will restrain himself from eating, drinking and other activities prohibited by the religion that could affect his fasting. The practise of fasting on Monday and Thursday was recorded in a hadith narrated by A'isyah (Al-Tirmidhi, 1975):

"عن عائشة قالت، كان النبي صلى الله عليه وسلم يتحري صوم الاثنين والخميس."

A’isyah narrated: “The Prophet saw used to fast on Mondays and Thursday.” (Al-Tirmidhi hadith number: 745)

Fasting also prevents diseases. Ibn Sina mentioned that fasting is a method of food reduction and is one of the best ways to stay healthy (Ibn Sina, 1999). Ibn Qayyim also agreed with the statement. He described fasting as a spiritual and physical remedy that relieves the muscles and heart (Ibn Qayyim al-Jawziyyah, n.d.). A review done in 2018 acknowledged that fasting increases lifespan. Fasting twice a week for 24 hours significantly increases the black-hooded rat’s lifespan (Sen M., 2018). Fasting can burn fat quickly, help control blood glucose levels, boost the body’s immune system, improve the excretory, digestive, and respiratory system.

<table>
<thead>
<tr>
<th>Author</th>
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<tr>
<td>Meng H, Zhu L, Kord-Varkaneh H, Santos HO, Tinsley GM, Fu P.</td>
<td>2020</td>
<td>Fasting improves the total cholesterol level, LDL-C and triglycerides concentrations. But no significant effect on HDL-C.</td>
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<tr>
<td>Mo'ez Al-Islam, E. F., Jahrami, H. A., Obaideen, A. A., &amp; Madkour, M.</td>
<td>2019</td>
<td>This study suggests that fasting protects against increasing inflammatory and oxidative markers. Thus, reducing inflammation and oxidative stress.</td>
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<tr>
<td>Wei, M., Brandhorst, S., Shelehchi, M., Mirzaei, H., Cheng, C. W., Budniak, J., ... &amp; Cohen, P.</td>
<td>2017</td>
<td>BMI, blood pressure, fasting glucose, IFG-1, triglycerides, total and low-density lipoprotein cholesterol, and CRF are beneficially affected by fasting.</td>
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vi) The Importance of Halalan Tayyiban Food

In food production or food purchasing, religion plays a significant role (Hussain I., 2016). Nearly all religion had prohibited particular food from being eaten by the devotees (Tieman M, Hassan FH., 2015). Islam commands the Muslims only to take halal food and avoid any haram food. Allah s.w.t commands are clearly stated in the Holy Quran and hadith. Comprehending the definition of the halal word help in understanding the “halal industry” and purchasing and consuming halal food. Halal originated from the Arabic word, which
means ‘permissible’ or lawful under *Syariah* or Islamic law. As mentioned in The Holy Quran, almost everything is *halal*, but several exceptions have been specified to a particular food classified as *haram*.

\[
\text{"O you who have believed, eat from the good things which we have provided for you and be grateful to Allah if it is [indeed] Him that you worship."} \quad (\text{al- Baqarah 2:172})
\]

*Meaning:*

Prohibited to you are dead animals, blood, the flesh of swine, and that which has been dedicated to other than Allah, and [those animals] killed by strangling or by a violent blow or by a head-long fall or by the goring of horns, and those from which a wild animal has eaten, except what you [can] slaughter [before its death], and those which are sacrificed on stone altars, and [prohibited is] that you seek decision through divining arrows. That is grave disobedience…”

\[
\text{"They ask you, [O Muhammad], what has been made lawful for them. Say, “Lawful for you are [all] good foods and [game caught by] what you have trained of hunting animals which you train as Allah has taught you. So, eat of what they catch for you, and mention the name of Allah upon it, and fear Allah.” Indeed, Allah is swift in account.”} \quad (\text{al-Maidah 5:4})
\]

In addition to the *halal* concept, it usually incorporated with the term “*Halalan Tayyiban*”, which embodied the *halal* food with the essence of cleanliness, pure and food of high quality. This is as mentioned in Al-Quran:

\[
\text{"O mankind eats from whatever is on earth [that is] lawful and good and do not follow the footsteps of Satan. Indeed, he is to you a clear enemy”}. \quad (\text{al-Baqarah 2:168})
\]

*Meaning:*

Then eat of what Allah has provided for you [which is] lawful and good. And be grateful for the favour of Allah if it is [indeed] Him that you worship”. \quad (\text{al-Nahl 16:114})

Based on these verses, Ibn Kathir described that consuming lawful food should be interpreted as the context of permissible foods from Allah s.w.t, reasonable and acceptable, and not harmful to the human body and mind (Ibn Kathir, 1999). Besides, Muslims must refrain from pork and abstain from alcohol. The importance of *halal* earnings is just as integral to our diet and should never be overlooked. Allah s.w.t. and Rasulullah PBUH prohibited selling alcohol, dead meat, swine, and idols based on hadith narrated by Jabir bin Abdullah (Al-Bukhari, 2000). He reported in the year of the Conquest of Mecca, the people asked Rasulullah PBUH about the fat of dead animals to use for greasing the boats, varnishing the hides and for lighting purposes, and Rasulullah PBUH said:

\[
\text{"فقال: "هُوَ حرام. "ثم قال رسول الله صلى الله عليه وسلم عند ذلك: "قاتل الله اليهود، إن الله حرم شحمها جملهم ثم باعوه فآكلوا منهه."}.
\]
In most Islamic countries, the marketplace is concerned about the halal issue, including the halal certification and the hygiene practice at the processing premises. In today’s market, the halal issue is no longer about pork-free only. But the halal certification ensures the chain of works that involve halal integrity from the farm itself. Whereas the Tayyiban food must be free from many forms of emulsifier, gelatine, lecithin, glycerin, and additives such as stabilizers, flavouring, colouring, etc. As people become more health-conscious, the halalan tayyiban food industry has also attracted non-Muslims. They are aware and in need of food that is of the highest quality of products. This also happens as the halal principles are appeared to be healthy and hygiene cuisine (Krishnan S. et al., 2017).

For Muslims, the principal value of halalan tayyiban food is spirituality. This is established when there are positive emotions of the realization of relationship with Allah s.w.t. This combined with the feelings of satisfaction and accomplishment in adhering to the commands of Allah s.w.t. This will then lead to the tranquility of the heart. Consequently, when the Muslims eats the haram food, it leads to disturbing emotion. Disturbed emotional wellbeing may initiate the onset of neuropsychiatric disorders (Salim S., 2016). This stress enhances pro-inflammatory cytokine signaling and promotes reactive oxygen, leading to oxidative damage. Stress also has a significant role in developing a disease like cancers (Li P. et al., 2016).

In Islam, Muslims are prohibited from consuming flowing blood, pork, animals that had died before being slaughtered in the Islamic manner, domestic donkeys, all carnivores with fangs and talons, all birds with claws, all reptiles, animals which are commanded to kill like rodents, snakes and scorpions are haram (Al-Raghib al-Asfahani, n.d.). It was narrated by A’isyah (Ibn Majah, n.d.), Ibn `Abbas (Al-Sijistani, Abu Dawud, n.d.) and Jabir (Al-Tirmidhi, 1975) that Rasulullah PBUH forbid us from eating the animals as below:

"عن عائشة، أن رسول الله صلى الله عليه وسلم قال: "الخية فاسقة والعقرب فاسقة والقاطرة فاسقة والغراب فاسق".

Meaning:
It was narrated from A’isyah that Rasulullah PBUH said:“ Snakes are vermin, scorpions are vermin, mice are vermin, and crows are vermin.”
(Ibn Majah hadith number: 3249)

"عن ابن عباس قال في رسول الله صلى الله عليه وسلم عن كل ذي ناب من المسباع وعن كل ذي مخلب من الطير.

Meaning:
Ibn `Abbas reported that Rasulullah PBUH prohibited the eating of all fanged beasts of prey and all the birds having talons.
(Muslim hadith number: 1934, Abu Daud: 3808)

"عن جابر قال: حرم رسول الله صلى الله عليه وسلم- يعني يوم خير- الخمر الإنسية ولهوم البغال وكل ذي ناب من المسباع وذي مخلب من الطير.

Meaning:
Narraed Jabir: “On the Day of Khaibar, Rasulullah PBUH prohibited eating domestic donkeys, the meat of mules, every predator that possesses canine teeth, and every bird that possesses talons.”
(Al-Tirmidhi hadith number: 1478)

The benefits of Allah’s s.w.t command to eat only halal and tayyiban foods can be denoted to the current world pandemic of Coronavirus disease 19 (COVID-19). COVID-19 is caused by SARS-CoV-2, also known as 2019-nCOV (Giri R. et al., 2021). This virus has rapidly spread, mutated to different variants, and caused death throughout the world. The source of origin was Rhinolophus bats, which have anti-SARS-CoV antibodies, suggesting that bats are the host for viral replication. This dreadful disease has infected human by eating the infected bats (Shereen MA. et al., 2021).

This can be related to Islam’s ruling, which prohibited the consumption of bat. According to Ibn Qudamah, bats are haram to be eaten as categorized under ‘dirty’ animals (Ibn Qudamah, 1968):

"كل الطيور خلالا إلا الخفافيش، وإنما خُرجت هذين لأنهما مستحَقَّت لهما، لا تستطيعا العرب، ولا تأكلها"
Meaning: “All types of birds are halal (eaten) except bats. And this bat is forbidden because it is considered dirty (disgusting), and the Arab community does not consider it good and does not eat it.”

Indeed, every ruling of Allah s.w.t. has benefits to human as the creator and the owner knows the best. Meanwhile, Rasulullah PBUH, as the messenger of Allah s.w.t. informs human of the ruling of Allah s.w.t. and the scholars to disseminate the knowledge.

4. Conclusion

Islam has provided guidelines for healthy eating practices in the Holy Quran and Hadith. Parents should start their children with healthy eating practices as recommended by Islam from birth. This will impact the health and spirituality of the believers. Some studies have proven the benefits of healthy eating as recommended in Islam. A physician should recommend these dietary practices to Muslim patients. The limitation of this review, however, is that there is insufficient clinical research on Islamic eating practices. Further future research on the recommendation of eating practices by Rasulullah PBUH and the Holy Qur’an will be needed to highlight healthy eating practices such as the sunnah of eating with your hands or sitting in a knee-chest position while eating. These practices likely have health benefits that have not been clinically studied.

Reference

The Main Source of Reference is The Holy Quran and Hadith


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