Mining industry outlook 2020 pdf

Fewer people may receive joint replacement procedures in the future than previously thought. This is according to research presented recently at the annual meeting of the American Association of Orthopaedic Surgeons (AAOS) in New Orleans in 2018. Lead author Matthew Sloan, MD, an orthopedic surgery resident at the University of Pennsylvania, said the number of procedures will continue to grow, but at a slower pace. Knee and hip replacement have been the standard treatment for end-of-stage arthritis for more than 40 years. During this time, the number of surgeries has more than doubled between 2000 and 2008 alone. There has also been an increase in so-called revision operations - done behind procedures to replace a failed or worn-out implant after the initial surgery. Trends behind driving numbers increase all procedures with better implants, a growing number of young patients receiving surgery and a growing obesity problem, said Jeffrey Westrich, MD, director of reconstruction and joint replacement services at The Hospital for Special Surgery in New York, who was not involved in the study. Joint replacement procedures are now modern, with newer implantation technologies, excellent pain relief and return to function, he says, adding that improved technology has also enabled young and young patients to undergo joint replacement surgery. Young patients tended to be poor candidates in the past. The increase in the rate of joint replacement, especially for knee procedures, is also associated with obesity, which affects more than one-third of American adults. National data over the past 10 years show that 47 percent of patients undergoing full hip replacement and 64 percent undergo full knee replacement in the U.S. are obese (having a BMI of more than 30), says Dr. Sloan. Despite these factors and the historical upward trend, the rate of joint replacement surgery actually declined in 2008, increasing by only 10 per cent over the next six years. Dr Sloan suspects that growth rates will slow even further in the future - limited by the lack of orthopedic surgeons to meet the needs of an ageing and more active population, as well as limited access to care. However, most mathematical models predict the opposite: unlimited growth. Thus, Dr. Sloan and his colleague reviewed more than 116 million hospital discharge records from 2000 to 2014 to determine the annual number of hip and knee replacements. They combined the number of procedures with census data by gender, age, race and geographic location and used a mathematical model to predict the number of procedures in each of these subgroups. Then they combined prevalence of subgroups with census projections to predict the volume of procedures for 2030-2060. Parsing the numbers Here's what they found: By 2030, hip replacement up to 635,000 people (an increase of 171 percent), while the number of knee replacements can reach 1.28 million, an 189 percent increase. Hip and knee changes are expected to reach 72,000 (142 percent increase) and 120,000 (190 percent increase), respectively. In 2060, hip replacements are projected to reach 1.23 million (330 percent increase) and knee replacements to 2.60 million (382 percent increase). Hip and knee changes are expected to reach 110,000 (219 percent increase) and 253,000 (400 percent increase), respectively. The increase in sound is huge, but Dr. Sloan says relatively speaking, they are not. The great take home from our paper projections is that we expect much less - about one-third - of overall knee replacement procedures by 2030, as previously predicted in the literature. The implications for future health savings could be in the billions of dollars if current growth trends remain stable, says Dr Sloan. Currently, there are several non-surgical treatment options for progressive arthritis, although this may change in the future. Dr. Sloan says that people who are unable or unwilling to have surgery can get pain relief from medications or injections, and in some cases from acupuncture, yoga, meditation or massage. People of color are still underserved same researchers used the same data for a demographic study, also presented at the AAOS meeting. They examined the types of patients who had joint replacements or revisions from 2000 to 2014, and found significant changes over the past decade. On the one hand, the study confirmed that many young people are now having procedures. Dr Westrich says young patients have historically been considered bad candidates for joint replacement because they have more strain on their implants and need them longer. Now, he said, implants can be held in more active patients and wear out not so quickly. But they wear out in the end. Revision surgeries tend to be more expensive and less successful than the initial procedure, and many young patients are likely to need at least one. The study also found that while white women still receive the majority of hip and knee replacements, more white men get them, too. The number of African-American patients also increased by about 0.1-0.2 percent a year, a significant increase, but not enough to contribute to long-standing racial inequality. Asians and Latinos, whose numbers have barely budged in 14 years of study, are also underrepresented. Dr Sloan doesn't know why more men are getting joint replacements, but says it may be that they live longer, more or are increasingly interested in maintaining an active lifestyle in old age. Nor can it explain the increase in joint replacement procedures among African-Americans, but not among Asians or Latinos, although this may be due to cultural differences or differences in Take care. It was important, he said, to identify underserved populations so that those differences could be addressed. AUTHOR: Linda Rath Related Resources: The opinions expressed by entrepreneur savers are their own. You read Entrepreneur India, the international media entrepreneur franchise. In 2018, India's dynamic and thriving fashion retail industry was expected to reach 85 billion euros by the end of 2022. Combining international and homegrown labels, the industry is growing at a dizzying pace based on ever-increasing private consumption and aspirations through procurement. However, due to the COVID-19 pandemic, which devastated the economy, all business trends and forecasts were thwarted. In fact, with a nationwide lockout in India, the retail industry has essentially been putting on pause mode for nearly two months. Now that the lockout has now been phased in, the fashion retail segment is looking to fully restore its up to COVID fame. Before they dare, retail leaders will need to delve deeply into various aspects of the business, such as inventory management, cash reserves, shareholder prospects, technology adoption and more, in light of the current crisis. Here's a display of perspective for India's exciting fashion retail industry in the post-COVID world: Security at topSince coronavirus threat is still active, it goes on to say that the safety and health of employees, customers and other stakeholders will take precedence as retailers reopen their doors. Although health and hygiene were needed for retail stores even in the past, the focus will now be more than ever before. Retailers will have to adhere to the new security standards set by the government. Masks, gloves, face shields and other personal protective equipment should become the main clothing for those who set foot in the store. Footfalls must be regulated in the interest of social distancing and brands should be active in this regard. Constant disinfection and disinfection will be required to ensure that the spread is kept in the premises. Using technologies from infrared thermometers to remote operation, the technology played an important role in the COVID-19 crisis. For fashion retail brands that want to increase their presence and revenues against the backdrop of the new normal, technology can become an absolute savior. For example, brands can use technology systems to purchase on a destination-based basis. In this case, they can adjust the number of customers in the store at any time. Brands will also increase the use of digital tools to reach customers in an efficient and interactive manner. In addition, because window shopping in shopping malls is no longer possible, brands will have to adopt online platforms - which brings us to the next, and perhaps the most important point. Going online on the Internet where the physical presence will be minimal, online shopping will undoubtedly take center stage. While many brands were already present online before the outbreak, now will be the time for explosive growth in online shopping. But creating an online presence will come with its own set of challenges for fashion retailers. In the past, customers did not fully trust online stores, especially clothing. They preferred to get the product look before making a final payment. Now customer preferences will take 360-degree turnover, and brands must win the trust of customers by providing high quality products. In doing so, brands should also be more descriptive about their products on their websites or social media handles. It will also bode well for brands to encourage and pay close attention to customer feedback in order to make an unprecedented place in their customer's preference list. In addition, in an attempt to maintain a level of customer convenience, brands will need to rethink their delivery process, making it more hassle-free and fast. Since refunds and exchanges are a big part of online fashion sales, brands will need to pay more attention to the proper treatment of returned items, making them safe for further sale. Communication is key At a time when panic is rampant, clear and concise communication has become more important than ever before. At the very beginning of the opening, retail fashion brands are expected to reassure their customers that all precautions are being taken. This will be an important step towards restoring customer trust and returning them after an unprecedented hiatus. Thus, communication with brands will play a vital role in this new era. Building consumer trust and ensuring their safety should be the first time the entire industry. There is simply no other choice to win back buyers and revive the previously remarkable growth curve of the industry. Option. mining industry outlook 2020 pdf. mining industry outlook 2020 covid-19. australian mining industry outlook 2020. global mining industry outlook 2020. metals and mining industry outlook 2020. gold mining industry outlook 2020. canadian mining industry outlook 2020. indonesia mining industry outlook 2020

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