

AURORA SPINE CORPORATION
MANAGEMENT'S DISCUSSION AND ANALYSIS
FOR THE YEAR ENDED DECEMBER 31, 2017

This management's discussion and analysis of financial conditions and results of operations ("MD&A") is intended to assist you in understanding the corporate structure of Aurora Spine Corporation ("the Company", "we", "our") and evaluating the changes in the Company's financial condition and operations for the year ended December 31, 2017.

The MD&A should be read in conjunction with the audited consolidated financial statements for the year ended December 31, 2017 prepared in accordance with IFRS together with the accompanying notes. Additional information is available on SEDAR at www.sedar.com, and on our website at www.auroraspine.us.

The Company's functional currency and presentation currency is US dollars and all amounts are shown in US dollars, unless otherwise indicated. The financial statements are prepared in accordance with International Financial Reporting Standards ("IFRS") as issued by the International Accounting Standards Board ("IASB").

This MD&A is prepared as of April 27, 2018.

FORWARD-LOOKING STATEMENTS

This document may contain forward-looking statements that reflect management's current expectations with regard to future events. Such forward-looking statements are subject to certain factors and involve a number of risks and uncertainties. Actual results may differ from expected results. Factors that could cause our results, our operations and future events to change materially compared to the expectations expressed or implied by such forward-looking statements include, but are not limited to, market risk, interest rate risk, currency risk, credit risk and liquidity risk, uncertainty regarding additional funding requirements and our ability to obtain such funding and uncertainty regarding sales as well as those risks and uncertainties mentioned herein. We believe that the assumptions and expectations reflected herein are reasonable, but no assurance can be given that these assumptions and expectations will be correct. You should not place undue reliance on forward-looking statements as the plans, assumptions, intentions or expectations upon which they are based might not occur.

CORPORATE STRUCTURE

The Company was incorporated under the laws of the Province of Ontario on July 4, 2013. The registered head office of the Company is located at 20 Holly Street, Suite 300, Toronto, Ontario, M4S 3B1. The principal office of the Company is located at 1930 Palomar Point Way, Suite 103, Carlsbad, California, 92008. The Company was formed as part of a reorganization to carry out a Public Offering ("Public Offering") and to acquire all of the outstanding capital stock of Aurora Spine, Inc. ("Aurora").

The Company filed an Initial Public Offering Prospectus on August 27, 2013 with securities regulatory authorities in the provinces of British Columbia, Alberta and Ontario which was subsequently completed in September 2013 offering 5,150,000 common shares at a price of US\$0.70 per share, for gross proceeds of US\$3,605,000. Trading began on September 10, 2013.

On September 5, 2013, the Company and its wholly-owned subsidiary AS Acquisition Corp. (a newly-formed Nevada corporation) and Aurora entered into a merger agreement which set forth the terms and conditions pursuant to which the Company acquired all of the issued and outstanding shares of capital stock of Aurora in exchange for the issuance to the existing shareholders of an aggregate of 7,272,059 Common Shares and 6,107,141 Restricted Voting Shares. Pursuant to the merger agreement, Aurora and AS Acquisition Corp. merged under the laws of the State of Nevada, with Aurora being the surviving entity. The reorganization closed immediately prior to the closing of the Public Offering and was intended to be treated as an integrated transaction with the Public Offering for U.S. federal income tax purposes.

Between January 15, 2014 and October 15, 2015, the Company completed various private placements raising aggregate gross proceeds of CDN\$15,632,504 (US\$14,029,750), issuing a total of 12,139,474 common shares. On May 31, 2016, the Company completed a private placement of common shares (the "May 2016 Offering"). Pursuant to the May 2016 Offering, the Company issued 2,525,000 common shares at a price of CDN\$0.20 (US\$0.153) per share for gross proceeds of CDN\$505,000 (US\$394,179). In connection with this Offering, the Company paid finder's fees of CDN\$9,600 (US\$7,354). The net proceeds to the Company are CDN\$495,400 (US\$386,825).

On April 6, 2017, the Company completed a non-brokered private placement of common shares (the "April 2017 Offering"). Pursuant to the April 2017 Offering, the Company issued 1,670,000 common shares at a price of CDN\$0.18 (US\$ 0.1349) per share for aggregate gross proceeds of CDN\$300,600 (US\$ 225,209). Share issuance costs totalled CDN\$2,246 (US\$1,763). A director of the Company subscribed for an aggregate of 835,000 common shares for cash consideration of CDN\$150,300 (US\$ 112,605).

On October 18, 2017, the Company completed a non-brokered private placement of common shares (the "October 2017 Offering"). Pursuant to the October 2017 Offering, the Company issued 1,250,000 common shares to a director of the Company at a price of CDN\$0.125 (US\$0.10) per share for aggregate gross proceeds of CDN\$156,250 (US\$125,000). Share issuance costs totalled CDN\$1,730 (US\$1,384).

On February 6, 2018, the Company completed a private placement of common shares (the "February 2018 Offering"). Pursuant to the February 2018 Offering, the Company issued 9,265,000 common shares at a price of CDN\$0.10 (US\$0.08) per share for aggregate gross proceeds of CDN\$926,500 (US\$741,200). In connection with this Offering, the Company paid aggregate cash commissions equal to CDN\$29,490 (US\$23,677). A director of the Company subscribed for an aggregate of 1,800,000 common shares for cash consideration of CDN\$180,000 (US\$144,000).

The net proceeds of the private placements have been and will be used for general working capital purposes.

BUSINESS OF AURORA

Aurora is focused on bringing new solutions to the spinal implant market through a series of innovative, minimally invasive, regenerative spinal implant technologies. The Company's goal is to improve patients' quality of life by developing and distributing spinal implant products that relieve back pain and preserve spinal bone structure and anatomy. Once fully developed, we expect our product portfolio to primarily address the market need for minimally invasive spinal surgical devices.

Since our inception, we have acquired certain product designs and intellectual property from certain of our founders as well as through purchase agreements with third parties. We have also furthered product research and development on the product designs, secured premises to conduct our business and train physicians, undertaken the filing of patent applications, and conducted initial marketing and distribution development. We are a registered ISO 13485 certified company. We received a CE Mark certificate from the British Standard Institute in respect of our first product on July 19, 2013, and we received FDA approval for the Company's ZIP™ Ultra Minimally Invasive Interspinous Fusion System (the "ZIP ULTRA™") product on December 3, 2013.

Our Products

Our ISP ("interspinous process" or "ISP") lumbar fusion devices now include the ZIP™ and ZIP ULTRA™, the ZIP LP™ and the new ZIP-51™. Additionally, we currently offer a line of interbody products – the TiNano™ product line including EOS, Echo and EchoXL for the lumbar section of the spine and Discovery for cervical procedures. We continue with development of products that fall into one of the three initial product lines which we intend to market over the next several years. These product lines are:

- ISP lumbar fusion devices
- Ti-Coated PEEK (polyether ether ketone) interbody cages
- Stand-alone ("SA") Cervical and Lumbar cages

In addition, Aurora markets certain third party developed products used during spine surgeries. Our major product groups are discussed below.

ISP Products

Our ISP devices are designed for patients suffering from degenerative disc disease whose pain has not been eliminated by non-surgical treatment methods. The vast majority of these patients get treated using open surgery to install pedicle screws and rods to fix and ultimately allow two or more vertebrae to fuse together.

Our ISP product design utilizes an interlocking two-piece design consisting of two titanium side plates with a hollow titanium core chamber to host bone or biologic grafting material. The side plates have been designed as solid geometries with proprietary swiveling spikes to aid in attachment to uneven bone surfaces. The outer portions of the device are durable enough to last a lifetime under both compressive and tensile loads, while still maintaining required stiffness in the interspinous space. The hollow core chamber will be available in a variety of diameters to fit most patient anatomies.

Our ISP devices are also designed with a proprietary mechanism along the barrel for locking the side plates together. We believe this is superior to our competitors' screw/nut locking mechanisms for permanence, stability and ease of implantation.

We currently offer a lower spine (lumbar) ISP device although some of our devices have been used mid-spine (thoracic).. In the future, we may introduce a multi-segment ISP device that will cover a larger number of spine segments and be designed to allow surgeons to perform corrective procedures (e.g., for scoliosis) without pedicle fixation.

Ti-PEEK Interbody Cages

Interbody cage products are used to fill the space between vertebrae after degenerative disc material has been removed. The cages provide spacing and stability between the vertebrae while bone grows to complete the fusion process. In November 2013, we entered into an agreement with Intuitive Spine, LLC to purchase interbody cage devices for use in cervical spinal fusion procedures (“AURORA DISCOVERY” or “DISCOVERY”). DISCOVERY is a cervical intervertebral body fusion device consisting of teeth on the inferior and superior surfaces to prevent back out and migration. The implant design is rectangular with a hollow core for bone graft to promote integration and fusion between the endplates. The DISCOVERY cage products are constructed of radiolucent PEEK material. As a result of the DISCOVERY agreement, we acquired PEEK interbody cages and the instrument sets used to implant the cages and the U.S. Food and Drug Administration (“FDA”) 510(k) approval associated with the cages.

In February 2014, the Company began introduction of its sterile-packed titanium plasma spray coated (“TiNano™”) spinal infusion implants. TiNano™ is the Company’s unique Titanium Plasma Spray coating on PEEK Interbody implants allowing for bone growth due to its porous structure. TiNano-coated implants provide the advantages of all implant materials, bone-titanium osseo-integration from the titanium coating, as well as the modulus and post-op imaging advantages of PEEK fusion implants. The Company uses the TiNano™ technology in almost all of its interbody fusion devices, including configurations for Anterior Cervical (“ACIF”), Posterior Lumbar (“PLIF”), Transforaminal Lumbar (“TLIF”) and Direct Lateral (“DLIF”) interbody spacers.

SA-ALIF Cages

Aurora Spine currently has a business relationship with an implant manufacturer to distribute its 3D Printed Stand-Alone ALIF Cage (SA-ALIF) Technology made of porous titanium. SA-ALIF is an integrated plate and spacer system that helps to preserve the natural anatomic profile while providing spinal column support and stability.

Anterior lumbar interbody fusion (ALIF) is a spine surgery that involves approaching the spine from the front (anterior) of the body to remove all or part of a herniated disc from in between two adjacent vertebrae (interbody) in the lower back (lumbar spine), then fusing, or joining together, the vertebrae on either side of the remaining disc space using bone graft or bone graft substitute. Anterior approaches, such as in SA-ALIF, allow surgeons access to the discs at the front of the spine and do not require muscle stripping as in posterior approaches. SA-ALIF provides the surgeon with a clear approach to the lumbar spine.

Utilizing our ZIP™ ISP platform in harmony with 3D Printed SA-ALIF Cage Technology allows Aurora to participate in the full procedure in a Lumbar fusion surgery, adding value to the patient, the doctor and the company. Multiple published clinical studies support the procedure, documenting positive clinical outcomes such as reduced blood loss, less time in the O.R., and shortened hospital stays as compared to traditional posterior fusion procedures.

HIGHLIGHTS DURING THE PERIOD

- During the year, the Company completed several private placements comprising both equity and debt. More than US\$700,000 was raised to support operations and a significant portion of the funding came from a major shareholder and director of the Company.
- On April 12, 2017, the Company announced the issuance of its United States Patent entitled, “Polyaxial Interspinous Fusion Implant and Bone Growth Stimulation System”. In addition to Aurora’s implant family of ZIP® ISPs, including its ZIP Ultra®, ZIP 51™, ZIP LP™, Dyna-ZIP™ and ZIP-Flex, this patent application covers the company’s first polyaxial implant design.

The polyaxial ZIP® Interspinous patent issuance is another milestone in Aurora Spine’s history. Our latest patent was issued for our newest interspinous device design that permits for full polyaxial maneuverability of the implant components in difficult situations during minimally invasive fusion cases. This patent features our patented ONE-STEP™ locking mechanism that eliminates the use of a set screw in Aurora’s Screwless Procedure™ surgeries. Aurora will either develop this proprietary technology internally as funds permit or offer its new Polyaxial ZIP® Interspinous device patent for out-licensing or private label opportunities.

- During the year, Aurora reduced its occupancy costs by over 50% from \$254,160 in 2016 to \$123,056 in 2017. On April 14, 2017 the Company signed a new lease with its landlord terminating on March 31, 2023. The new lease reduces the monthly base rent from \$28,718 for 17,288 square feet to \$7,650 plus 3% p.a. for 5,464 square feet, plus Common Area Maintenance (“CAM”) charges and a termination fee of \$5,000 for the first 22 months.
- Also during the year, the Company reduced its General and Administrative and Professional Fee expenses in 2017 by a combined \$218,234 or 16.7% as compared to 2016. The total expense reduction was even more significant in Q4. During the last quarter Operating expenses were lowered by more than \$250,000 (16.8%) to \$1,230,740 compared to \$1,503,071 in Q4 2016.
- The Company participated at the 2017 North American Spine Society Annual Meeting held in October 2017 at the Orange County Convention Center in Orlando, Florida. Aurora Spine showcased its Screwless Procedure™ product portfolio and highlighted its latest fusion technologies, including the patented ZIP® MIS Interspinous fusion systems.

HIGHLIGHTS SUBSEQUENT TO PERIOD END

- On February 6, 2018, the Company strengthened its balance sheet through completion of an equity offering for aggregate gross proceeds of US\$741,200.

SPINAL IMPLANT MARKET

Product Regulation

Sale of our products requires approval under the FD&C Act in the United States, registration and approval of a CE mark in the European Union, and similar regulatory approvals in other jurisdictions around the world. Further, our products require approval by the governing board of hospitals at which our implants will be used in surgery.

All of our products are classified as Class II devices in the United States. Class II devices require either approval or clearance from the FDA before they can be marketed in the United States. Products that have substantial similarity

to products that already have been approved by the FDA can obtain clearance for marketing through the Premarket Notification process under Section 510k of the FD&C Act. Devices that are not substantially similar to previously approved products must obtain U.S. Food and Drug Administration ("FDA") approval through the more rigorous, time-consuming and expensive Premarket Approval process, which in most cases requires extensive clinical trials.

We believe that all of our products that are currently in development have predicate devices already approved or cleared by the FDA, and that as a result we will be able to take advantage of the more streamlined Premarket Notification clearance process.

In the US, the vast majority of spinal implants today are paid for by third-party payors, either private insurance companies or government programs, including Medicare, Medicaid or state workers compensation programs. We believe that surgeons, hospitals and ambulatory surgical centers can use current North American Spine Society ("NASS") and Medicare-approved payment codes with any of our proposed products, and that our products should be reimbursable under both private and government-sponsored insurance plans.

Surgical Solutions

Spinal surgery has been used since the early 1900's to treat back pain and neck spinal pain. However, surgery can be expensive and complicated, and generally is recommended only when conventional therapies such as physical therapy, exercise, traction, bed rest, braces and steroid and non-steroid anti-inflammatory medications, have failed.

Lower back pain is generally considered one of the most widely experienced health problems in the United States and many parts of the world, and one of the most frequent conditions for which people see a physician or are absent from work. According to Global Business Intelligence Research's ("GBI") report titled "Spinal Surgery Devices Market to 2017 - Motion Preserving Spinal Non-Fusion Procedures to Drive Long Term Growth" (the "GBI Report"), revenues in the global market for spine implants and related biologics are expected to reach \$12.6 billion in 2017 at a compound annual growth rate ("CAGR") of 10%, primarily driven by increasing preference for minimally invasive surgery ("MIS") spinal fusion procedures and the growing aging population around the world. Other factors driving the growth of the global spinal fusion market are believed to be growing awareness about treatment of spinal disorders, rising income levels, rising obese populations and a rising number of spinal injury resulting from increased use of machinery and motor vehicles in certain regions of the world.

Spinal Fusion

Spinal fusion is among the most common spinal surgeries performed today, and is used primarily to eliminate the pain caused by abnormal motion of the vertebrae in a weak or unstable spine (caused by infections, tumors, or other degenerative conditions) and to treat spinal fractures. It is also used to treat spinal deformities such as scoliosis and kyphosis.

Spinal fusion is a surgical technique used to join two or more vertebrae. Spinal fusion works in conjunction with the body's natural bone growth processes to set up a biological response that causes a bone graft, using material implanted by the surgeon, to grow between the two vertebral elements and fuse the two vertebral elements together into one long bone, thereby stopping the motion that causes the pain. The fusion process typically takes six to twelve months after surgery to complete.

In most cases, spinal fusion is augmented by a process called fixation, which refers to the placement of permanent rigid or semi-rigid prosthetic devices made of titanium or other materials. These devices were developed in response to the need to limit compression on the affected vertebrae and stabilize them in order to facilitate bone fusion, without requiring the patient to be immobilized. These fusion/fixation devices include pedicle screws, rods or plates, cages constructed of PEEK and, more recently, ISP devices.

Spinal fusion techniques currently are used in both cervical and lumbar spines. Most fusions on the cervical spine are performed using anterior interbody fusion, in which, following an anterior discectomy, a bone graft is placed between two vertebrae and replaces the removed disc. During the healing process, the vertebrae grow together, creating a solid piece of bone out of the two vertebrae.

Three types of interbody fusion procedures are most commonly used today:

1. Anterior Lumbar Interbody Fusion, in which an abdominal incision is used to reach the lumbar spine;
2. Posterior Lumbar Interbody Fusion, in which an incision on the patient's back is used to reach the lumbar spine; and
3. Lateral Lumbar Interbody Fusion, in which a lateral incision is used to reach the lumbar spine.

One of the challenges for both surgeons and spinal implant device companies is to bridge the gap between patient satisfaction and clinical success. Early fusion procedures performed without fixation devices and using grafts of the patient's own bone required a secondary surgical site from which the bone would be harvested, and often suffered from stabilization issues during the period needed for vertebral fusion to occur. Plate devices and pedicle screws, while effective at stabilization, involve more anatomically invasive procedures and can involve extended recovery times.

Other Surgical Options

The growing need to identify better solutions for degenerative disc of the spine has led to innovation in less-invasive spinal fusion procedures, spinal navigation systems and robotics, non-fusion, motion-preserving devices, and advanced biological products, including allografts, synthetics and bone-morphogenetic proteins ("BMPs"), which eliminate the need to harvest bone for grafts from the patient's own body.

In recent years, MIS devices have been introduced into the spinal implant market to provide a less invasive alternative to pedicle screw instrumentation in fusion procedures. ISP devices attach to the spine with a clamp, rather than screws, and utilize counter stresses to help maintain attachment. These devices are designed to provide the necessary fixation and stability, while preserving the patient's anatomy and reducing complications and recovery time. Also in recent years, so-called "motion preserving" techniques, such as artificial disc replacement, have begun to be offered as alternatives to fusion. These techniques have not yet been adopted on a widespread basis in the U.S. because, amongst other things, reimbursement by third-party payors has not been rapidly forthcoming and the advantages of these techniques over fusion have not been well established.

The Changing Market

Pedicle screw systems continue to dominate the spinal fusion market. We believe that this is due, in part, to the fact that the largest companies in the spinal fusion market continue to promote their legacy pedicle screw systems aggressively. However, the spinal fusion market appears to be moving toward newer technologies and more minimally invasive approaches to spinal fusion. We believe this is the reason pedicle screw fusion has been losing market share to newer technologies such as dynamic stabilization (motion preserving devices), ISP devices, stand-alone devices, artificial discs and other alternative solutions.

While some of these newer technologies have yet to be widely accepted for reimbursement by third-party payors, our experience is that current NASS and Medicare-approved payment codes are favorable to stand-alone devices, and we continue to see a surge of stand-alone technologies introduced into the market. It has also been our experience that current reimbursement codes favor ISP technology, and that surgeons, hospitals and ambulatory surgical centers are able to use current NASS and Medicare-approved payment codes with both stand-alone and ISP devices. We believe this will lead to continued growth for these technologies in the coming years.

Competition

The global spinal surgery market is characterized by strong competition. Management believes the top five companies account for more than 70% of the overall market, and that the FDA's reclassification of spinal fusion devices from Class III to Class II in 2007 has attracted, and will continue to attract, new entrants in the market. We continue to see product launches and an increased focus on research and development activities, and we anticipate that intense competition between the new entrants and existing companies may lead to pricing pressure on all companies in the future.

Companies such as Medtronic Inc., Zimmer Biomet and DePuy Synthes, are the leading players in the global market for spinal surgery devices and represent a significant portion of the total market share. We believe that this

is due, in large part, to their broad portfolios of spinal fusion devices. Other companies with significant market shares include Stryker Corporation and NuVasive Inc.

We believe that the worldwide spinal implant market currently includes over 200 pedicle screw systems, but that less than fifteen active competitors offer ISP fusion devices in the United States.

Further information and analysis regarding the Company’s overall performance is discussed below.

OVERALL PERFORMANCE

Aurora Spine Corporation’s consolidated financial statements are presented in US dollars which is its functional currency.

The financial statements are prepared in accordance with International Financial Reporting Standards (“IFRS”) as issued by the International Accounting Standards Board (“IASB”).

SELECTED BALANCE SHEET INFORMATION

The following table summarizes selected key financial data.

As at	December 31, 2017 \$	December 31, 2016 \$	December 31, 2015 \$
Cash	12,665	192,842	579,631
Trade receivables	811,491	1,228,553	996,165
Prepaid expenses and deposits	471,859	318,386	205,343
Inventory	2,462,509	2,996,940	3,226,748
Current assets	3,758,524	4,736,721	5,007,887
Intangible assets	264,247	210,966	210,966
Property and equipment	1,265,720	2,095,565	2,766,207
Total assets	5,288,491	7,043,252	7,985,060
Current liabilities	1,735,108	2,400,196	3,134,105
Long-term liabilities	1,902,000	1,172,963	157,963
Common share equity	19,706,040	19,358,978	18,972,153

ANALYSIS OF FINANCIAL CONDITION AND FINANCIAL PERFORMANCE

Since inception, Aurora has focused on several initiatives to become an established business in the spine market. The Company has expanded the range of products offered, applied for and received FDA approval for several products and increased the number of hospital approvals.

The Company now has several FDA cleared products and procedures, all designed to improve spine patient outcomes, drive continued surgeon interest, and provide unique benefits that deliver value to hospitals and patients.

In 2017, management primarily focused on delivering a better cost structure for its business while maintaining its sales levels. Overall, management has focused on building and strengthening the foundation to support future growth. Several products have received FDA clearance, inventory is on-hand to support future sales and hospital approvals have increased.

SELECTED QUARTERLY INFORMATION

The Company's functional currency is the US dollar (USD). The functional currency of the Company's US subsidiary Aurora, is the USD and its European subsidiary Aurora Spine Europe Ltd., is the Euro.

Operating results for each quarter for the last two fiscal years are presented in the table below.

Quarters ended	December 31, 2017 \$	September 30, 2017 \$	June 30, 2017 \$	March 31, 2017 \$	December 31, 2016 \$	September 30, 2016 \$	June 30, 2016 \$	March 31, 2016 \$
Revenue	1,349,975	1,676,738	1,436,024	1,526,377	1,688,582	1,625,676	1,893,092	1,549,125
Cost of goods sold	(1,017,320)	(970,801)	(709,060)	(732,704)	(879,751)	(826,949)	(921,836)	(744,094)
Gross profit	332,655	705,937	726,964	793,673	808,831	798,727	971,256	805,031
Operating expenses	1,230,740**	1,034,319	1,183,085	1,351,436**	1,503,071	1,321,734	1,127,047	1,111,244
Net income (loss)	(898,085)	(328,382)	(456,121)	(557,763)	(694,240)	(523,007)	(155,791)	(306,213)
Basic and diluted income (loss) per share	(0.02)	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)

** Adjusted by gain on sale of property and equipment (December 31, 2017 - \$22,785, March 31, 2017 - \$62,563).

Since the Company has been in the development stage, quarterly operating results have varied in the past and may vary substantially in the future. Accordingly, the information above is not necessarily indicative of results for any future quarter.

Although difficult to quantify, sales for the Company are affected by a degree of seasonality (during the summer months the number of surgeries performed is typically less than other months) and, to a lesser extent, adverse weather events that may delay or postpone planned surgeries to later periods.

Comparative - Three Months Ended December 31, 2017 and 2016

During the three months ended December 31, 2017 we generated revenues in the amount of \$1,349,975 compared to \$1,688,582 during the same period the previous year, a decrease of \$338,607 or 20%. The primary drivers of this decrease were:

- (i) A reduction of \$260K in ZIP sales attributable to a change in the distribution model and pricing with one of the Company's key, high volume surgeons. This change resulted in the sale of our ZIP product directly to a stocking distributor at a price lower than what we previously earned by selling directly to the hospital. Although negative, the impact on Aurora is mitigated by a reduction in direct costs

- associated with the new arrangement such that gross profit margin increases by 28% albeit on lower sales to this distributor; and
- (ii) A reclassification of the sales of trays and instruments from revenue to gain on sale of property and equipment of \$67K and a net decrease in the sales of lumbar cages and screws of \$11K.

During the three months ended December 31, 2017 cost of sales was \$1,017,320 and gross profit was \$332,655 (25% of revenues). During the three months ended December 31, 2016, cost of sales was \$879,751 and gross profit was \$808,831 (48% of revenues). This significant change has resulted primarily from management having been able to lower its manufacturing costs on most of its Ti-PEEK products. As such, within Cost of Sales, Aurora recorded a non-cash adjustment to the inventory standard cost of these products, resulting in a one-time write down of approximately \$405K. The adjustment resulted in a 23% decrease in gross margin for the period. Without the adjustment, margins would be little changed from the previous year. More importantly, going forward, the gross profit margin on these products will increase reflecting the lower inventory cost on the Company's balance sheet.

Operating expenses during the current quarter were \$1,230,740 compared to \$1,503,071 during the same period the previous year.

The total of executive compensation and salaries expense during the quarter was \$396,381 compared to \$491,969 during the same period the previous year. The decrease in executive compensation and salaries expense reflects executive personnel salary reductions and a decrease of warehouse and regulatory personnel.

Consulting fees incurred during the quarter were \$22,646 compared to \$77,291 during the same period the previous year. These fees reflect amounts paid to independent sales consultants and physicians consulting on products. The decrease reflects the reduction of independent sales consultants.

General and administrative expenses were \$260,129 during the current quarter compared to \$215,113 during the same period the previous year. The increase relates primarily to penalty fees paid to a supplier for rework required in order to cancel a purchase order of instruments, offset by a decrease of shipping and travel costs. General and administrative expenses relate to development of the business including, but not limited to, business travel, transportation and lodging, office expenses, shipping supplies, licenses and permits, fees and foreign exchange gain or loss. Management is continuing to monitor these costs relative to sales.

Research and development expense during the quarter was \$9,122 compared to \$15,241 during the same period the previous year. Research and development expenses primarily relate to the development of the enhancements to our existing product lines.

Marketing costs during the quarter were \$17,416 compared to \$65,183 during the same period the previous year. Marketing expense primarily relates to advertising, web site development and promotion and initial costs for upcoming tradeshows. The decrease resulted primarily from a decline in tradeshow costs.

Occupancy costs during the current quarter were \$23,169 compared to \$60,125 during the same period the previous year. On April 14, 2017 the Company signed a new lease with its landlord which terminated the original lease effective May 31, 2017. The new lease terms were effective June 1, 2017 and terminate on March 31, 2023. The new lease reduces the monthly base rent from \$28,718 for 17,288 square feet to \$7,650 for 5,464 square feet, plus Common Area Maintenance ("CAM") charges and a termination fee of \$5,000 for the first 22 months. The monthly payment increases by 3% each year beginning at month 13 of the lease.

Insurance expense during the quarter was \$93,895 compared to \$97,552 during the same period the previous year. Insurance expense includes health insurance for the employees and premium costs for product insurance and general liability insurance. The amount decreased due to a reduction of employee health insurance during the period.

Interest expense during the quarter was \$59,585 compared to \$36,874 during the same period the previous year. The expense relates primarily to the proceeds of the promissory note received in July 2016. The promissory note bears an interest rate of 9% per annum. The amount has increased as the amount of the loan has increased.

Cash Flows – Three Months Ended December 31, 2017 and 2016

Cash flows used in operating activities during the three months ended December 31, 2017 were \$338,545, primarily consisting of the operating loss reduced by depreciation, non-cash stock based compensation and loan interest adjusted for a gain on sale of property and equipment and the changes in working capital components during the period which include an increase in prepaid expenses and deposits and decreases in trade and other receivables, inventory and trade and other payables.

Cash flows used in operating activities during the three months ended December 31, 2016 were \$332,452, primarily consisting of the operating loss reduced by depreciation and loan interest adjusted for non-cash stock based compensation and for the changes in working capital components during the period. The working capital components included increases in trade and other receivables, prepaid expenses and trade and other payables and a decrease in inventory.

Cash flows received from financing activities during the three months ended December 31, 2017 were \$116,116 related to the October 2017 Offering offset by issuance costs and repayments of amounts due to related parties during the period. Cash flows used in financing activities during the three months ended December 31, 2016 were \$15,000 related to repayments of amounts due to related parties during the period.

Cash flows received from investing activities during the three months ended December 31, 2017, were \$46,861 from the sale of trays and instruments, offset by the purchase of instruments required for surgeries. Cash flows received from investing activities during the three months ended December 31, 2016, were \$207,933, resulting from changes during the quarter in the balance of trays and instruments required for surgeries.

Comparative - Year Ended December 31, 2017 and 2016

During the year ended December 31, 2017 we generated revenues in the amount of \$5,989,114 compared to \$6,756,475 during the previous year, a decrease of \$767,361 or 11%. The primary drivers of this reduction were:

- (i) A reduction of approximately \$421K in Biologics sales. Such sales were through predominantly one hospital where a change of control occurred and restrictions on Biologics use were put in place. We do not see Biologics sales returning to previous levels;
- (ii) A reduction of \$644K in ZIP sales primarily attributable to a change in the distribution model and pricing with one of the Company's key, high volume surgeons. This change resulted in the sale of our ZIP product directly to a stocking distributor at a price lower than what we previously earned by selling directly to the hospital. Although negative, the impact on Aurora is mitigated by a reduction in direct costs associated with the new arrangement such that gross profit margin increases by 28% albeit on lower sales to this distributor; and
- (iii) A net increase of \$298K in sales of lumbar cages, screws and other.

During the year ended December 31, 2017 cost of sales was \$3,429,885 and gross profit was \$2,559,229 (43% of revenues). During the year ended December 31, 2016, cost of sales was \$3,372,630 and gross profit was \$3,383,845 (50% of revenues). This change has resulted primarily from management having been able to lower its manufacturing costs on most of its Ti-PEEK products. As such, within cost of sales, Aurora recorded a non-cash adjustment to the inventory standard cost of these products, resulting in a one-time write down of approximately \$405K. The adjustment resulted in a 7% decrease in gross margin for the year. Without the adjustment, margins would be little changed from the previous year. More importantly, going forward, the gross profit margin on these products will increase reflecting the lower inventory cost on the Company's balance sheet.

Operating expenses during the current year were \$4,799,580 (adjusted for a gain on sale of property and equipment of \$85,348) compared to \$5,063,096 during the previous year. Executive compensation and salaries remained consistent. There were increases in bad debts, insurance, depreciation and amortization, interest expense and non-cash stock based compensation. These were offset by decreases in consulting fees, general and administrative expense, research and development, marketing expense, occupancy costs and professional fees.

The total of executive compensation and salaries expense remained consistent during the current year and was \$1,817,659 compared to \$1,814,901 during the previous year.

Consulting fees incurred during the year were \$227,403 compared to \$274,267 during the previous year. These fees reflect amounts paid to independent sales consultants and physicians consulting on products.

General and administrative expenses were \$675,195 during the current year compared to \$727,996 during the previous year. The decrease relates primarily to a reduction of shipping and travel costs, offset by an increase in common area maintenance costs, small tools expense and office supplies expense. General and administrative expenses relate to development of the business including, but not limited to, business travel, transportation and lodging, office expenses, shipping supplies, licenses and permits, fees and FX gain or loss. Management is continuing to monitor these costs relative to sales.

Research and development expense during the current year was \$21,055 compared to \$40,412 during the previous year. Research and development expenses primarily relate to the development of the enhancements to our existing product lines.

Marketing costs during the current year were \$31,859 compared to \$91,430 during the previous year. Marketing expense primarily relates to advertising, web site development and promotion and initial costs for upcoming tradeshows.

Occupancy costs during the current year were \$123,056 compared to \$254,160 during the previous year. As discussed above, on April 14, 2017 the Company signed a new lease with its landlord which terminated the original lease effective May 31, 2017. The new lease terms were effective June 1, 2017 and terminate on March 31, 2023. The new lease reduces the monthly base rent from \$28,718 for 17,288 square feet to \$7,650 for 5,464 square feet, plus Common Area Maintenance (“CAM”) charges and a termination fee of \$5,000 for the first 22 months. The monthly payment increases by 3% each year beginning at month 13 of the lease.

Insurance expense during the current period was \$372,767 compared to \$310,051 during the same period the previous year. Insurance expense includes health insurance for the employees and premium costs for product insurance and general liability insurance. The amount increased due to an increase in premium costs related primarily to Director and Officer liability insurance.

Interest expense during the current year was \$144,651 compared to \$60,933 during the previous year. The expense relates primarily to the proceeds of the promissory note received in July 2016. The promissory note bears an interest rate of 9% per annum. The amount has increased as the amount of the loan has increased.

Cash Flows – Year Ended December 31, 2017 and 2016

Cash flows used in operating activities during the year ended December 31, 2017 were \$1,145,486, primarily consisting of the operating loss reduced by depreciation, non-cash stock based compensation and loan interest adjusted for a gain on sale of property and equipment and the changes in working capital components during the year which include decreases in trade and other receivables, inventory and trade and other payables and an increase in prepaid expenses and deposits.

Cash flows used in operating activities during the year ended December 31, 2016 were \$1,652,252, primarily consisting of the operating loss reduced by depreciation, non-cash stock based compensation and loan interest adjusted for the changes in working capital components during the year which include increases in trade and other receivables and prepaid expenses and deposits and decreases in inventory and trade and other payables.

Cash flows received from financing activities during the year ended December 31, 2017 were \$929,562, resulting in part from receipt of US\$350,209 private placement funds, offset by issuance costs of US\$3,147 and repayment of amounts due to related parties of \$17,500. The Company also received US\$600,000 from a director of the Company which increased its existing Note payable to an aggregate principal amount of US\$1,600,000.

Cash flows received from financing activities during the year ended December 31, 2016 were \$1,356,825, resulting in part, from receipt of US\$394,179 private placement funds, offset by share issuance costs of US\$7,354 and repayment of amounts due to related parties of \$30,000. Additionally, the Company received a loan on July 5, 2016 of \$1,000,000 from an insider of the Company. The loan is evidenced by a promissory note bearing interest at 9% per annum and is due upon the five-year anniversary of the note.

Cash flows received from investing activities during the year ended December 31, 2017 were \$35,747 resulting from the sale of property and equipment offset by additions to property and equipment and intangible assets. Cash flows used for investing activities during the year ended December 31, 2016 were \$91,362 resulting from additions to trays and instrument sets.

LIQUIDITY AND CAPITAL RESOURCES

Our objective is to maintain sufficient liquid resources to meet operational requirements. As at December 31, 2017, we had cash of \$12,665. During the first quarter of 2018, the Company completed a private placement of common shares, for aggregate gross proceeds of CDN\$926,500 (US\$741,200) (see *Transactions Between Related Parties*). Working capital as at December 31, 2017 aggregated \$2,023,416.

Our principal uses of cash since inception have been for the development of our products, general and administrative activities, compensation and advertising and marketing efforts. Going forward, additional funds will be needed for continued product development and marketing as we continue our commercialization efforts.

Until we are able to generate significant revenue and achieve profitable operations, we will continue to rely on equity and debt financing to fund our cash requirements. We have incurred significant operating losses since inception. There is no guarantee that our operations will yield positive results in the future. There can be no assurance that new capital will be available as necessary to meet our continuing expenditures, or if the capital is available, that it will be on terms acceptable to us.

COMMITMENTS, CONTINGENCIES AND OFF-BALANCE SHEET ARRANGEMENTS

Lease Commitment

In November 2012, the Company entered into a six year operating lease for its premises. On April 14, 2017 the Company signed a new lease with its landlord which terminated the original lease effective May 31, 2017. The new lease terms were effective June 1, 2017 and terminate on March 31, 2023. The new lease reduces the monthly base rent from \$28,718 for 17,288 square feet to \$7,650 for 5,464 square feet, plus Common Area Maintenance (“CAM”) charges and a termination fee of \$5,000 for the first 22 months. The monthly payment increases by 3% each year beginning at month 13 of the lease.

The minimum lease commitments under the non-cancellable operating lease are as follows:

	2017	2016
Less than 1 year	\$ 153,402	\$ 322,125
Between 1 year and 5 years	417,480	288,750
Thereafter	44,340	—
Total	\$ 615,222	\$ 610,875

ZIP ULTRA™ Device – Royalty Agreements

In December 2012, Aurora Spine LLC entered into two separate consultant agreements whereby the Company has a commitment to pay a 3.5% aggregate royalty to these consultants, based on gross sales of certain products sold and patent royalties received by the Company. Total royalties paid are not to exceed 6% of annual revenues of any given device or product line. Royalties will not be payable until the product can be placed in the market following successful completion of the pivotal medical testing and receipt of approval to market the products in the US and Canada from the Food and Drug Administration and Health Canada.

Intervertebral Body Fusion Device – Commitment and Royalty Agreement

In November 2013, the Company entered into an asset agreement whereby the Company has agreed to pay a 2% royalty of worldwide net sales of the Intervertebral Fusion Device product, payable thirty days after the end

of each calendar quarter, for the prior calendar quarter. The royalty shall be paid for six years commencing July 2014.

Intervertebral Cervical Fusion Device – Commitment and Royalty Agreement

In November 2013, the Company purchased inventory of an Intervertebral Body Fusion Device with Bone Graft for \$174,000 and the related FDA 510(k) Clearance for \$126,000.

The Company paid an initial down payment of \$10,000 in January 2014. Pursuant to the asset purchase agreement, commencing in December 2014 the Company was required to pay and is required to continue to pay the seller (a) \$10,000 per month or (b) 16% of gross sales of the DISCOVERY cervical implants for the prior calendar month, whichever is greater. These payments will continue until the Company has paid the seller the aggregate sum of \$200,000. During the year, we renegotiated the contract agreement with the third party. The agreement requires the Company to pay a royalty payment of 5% for all sales of the Discovery PEEK cervical implants for as long as the Company sells the implants. As such, the deferred liability previously recorded relating to the Discovery PEEK cervical implant inventory and related intellectual property was forgiven. The resulting balance for the deferred liability is \$Nil.

The Company will continue to pay a royalty of 5% to the seller quarterly, within 30 days of the end of each calendar quarter. Gross sales are defined as total selling price, excluding taxes.

Other

The Company had no other commitments for material capital expenditures, no contingencies and no off-balance sheet arrangements, other than the above-mentioned items.

TRANSACTIONS BETWEEN RELATED PARTIES

The Company's related parties include key management and personnel and the Company considers key personnel to be those having authority and responsibility for planning, directing and controlling the activities of the Company, directly or indirectly. Key management are the members of the Board of Directors, the present chief executive officer, the present chief financial officer, the former chief financial officer during his time in the position, the chief technology officer and chief operating officer. Unless otherwise stated, none of the transactions incorporated special terms and conditions and no guarantees were given or received. Outstanding balances are usually settled in cash.

As at December 31, 2017, trade payable balances to related parties totaled \$18,500 (2016 - \$11,148) and there is an outstanding loan payable to a director of the Company of \$132,500 (2016 – \$127,963) which is due on or before May 2022 and is secured by the instrument sets. Additionally, there is an outstanding secured promissory note to a director of the Company of \$1,600,000 which bears an interest rate of 9% per annum and is due on or before June 2021.

The following comprises the remuneration of key management of the Company:

	2017	2016
Salary	\$ 541,253	\$ 530,915
Share based payments	52,504	38,661
Total	\$ 593,757	\$ 569,576

On April 6, 2017, the Company completed a non-brokered private placement of common shares (the "April 2017 Offering"). Pursuant to the April 2017 Offering, the Company issued 1,670,000 common shares at a price of CDN\$0.18 (US\$ 0.1349) per share for aggregate gross proceeds of CDN\$300,600 (US\$ 225,209). Share issuance costs totaled CDN\$2,246 (US\$1,763). A director of the Company subscribed for an aggregate of 835,000 common shares for cash consideration of CDN\$150,300 (US\$ 112,605).

On October 18, 2017, the Company completed a non-brokered private placement of common shares (the “October 2017 Offering”). Pursuant to the October 2017 Offering, the Company issued 1,250,000 common shares to a director of the Company at a price of CDN\$0.125 (US\$0.10) per share for aggregate gross proceeds of CDN\$156,250 (US\$125,000). Share issuance costs totaled CDN\$1,730 (US\$1,384).

On February 6, 2018, the Company completed a private placement of common shares (the “February 2018 Offering”). Pursuant to the February 2018 Offering, the Company issued 9,265,000 common shares at a price of CDN\$0.10 (US\$0.08) per share for aggregate gross proceeds of CDN\$926,500 (US\$741,200). In connection with this Offering, the Company paid aggregate cash commissions equal to CDN\$29,490 (US\$23,677). A director of the Company subscribed for an aggregate of 1,800,000 common shares for cash consideration of CDN\$180,000 (US\$144,000). The net proceeds of the Offering will be used for general working capital purposes as well as to repay a USD\$125,000 loan advanced by a director on January 11, 2018 (see *Advances From Shareholder* below).

Advances From Shareholder

On July 5, 2016, the Company received a loan in the amount of US\$1,000,000 from an insider of the Company. The Loan is evidenced by a promissory note (the "Note") bearing interest at 9% per annum and is secured by assets of the Company. The principal amount together with interest thereon is due on the five-year anniversary of the date of the Note. The Company may prepay the principal amount and interest thereon, in whole or in part, at any time without penalty. The Company's wholly owned subsidiary, Aurora Spine, Inc., has entered into certain ancillary agreements to guarantee and secure the obligations of the Company under the Note. In 2017, the Company has increased its Note to an aggregate principal amount of US\$1,600,000. All of the existing terms of the original loan remained unchanged.

On January 11, 2018, the same director of the Company, made a short term demand loan to the Company in the amount of US\$125,000, which was repaid on March 27, 2018.

PROPOSED CORPORATE TRANSACTIONS

The Company is not a party to any proposed transaction that may have an effect on the financial condition, results of operations or cash flows or qualify as a proposed asset or business combination.

ACCOUNTING POLICIES

The Company has adopted accounting policies with respect to revenue, cost of sales, inventories, intellectual property and stock options which are discussed below. Foreign currency translation and recent accounting pronouncements are also discussed below.

Inventories

Inventories are initially recognized at cost and subsequently stated at the lower of cost and net realizable value. The Company's inventory primarily consists of implants (devices used in surgery). Costs of each type of inventory are determined using the first-in, first-out (“FIFO”) method and includes expenditures incurred in acquiring the inventories, sterilization, production or conversion costs, and other costs incurred in bringing them to their existing location and condition. The Company outsources its manufacturing operations to third-party manufacturers. Net realizable value is the estimated selling price less applicable selling expenses. If carrying value exceeds net realizable amount, a write-down is recognized. The write-down may be reversed in a subsequent period if the circumstances which caused it no longer exist. When inventories are sold, the carrying amount of those inventories is recognized as an expense in the period in which the related revenue is recognized.

Patent and Intellectual Property

Research costs are expensed as incurred. Expenditures on development activities are capitalized only if the product or process is technically and commercially feasible, development costs can be measured reliably, future economic benefits are probable, the Company intends to use or sell the asset, and the Company intends and has sufficient resources to complete development.

The Company capitalizes the cost of acquiring patents, intellectual property and licenses, as well as the cost of preparing the products to enter medical testing, including the design of the testing, and will amortize that cost over the useful life of the product once the system is approved and ready for use. Intellectual property and patents are amortized over 20 years unless the economic life is shorter. No amortization expense was recognized through December 31, 2016. During the year ended 2017, the Company recorded \$28,040 of amortization expense. As at December 31, 2017 and 2016 there was no impairment of intellectual property and product development charges.

Impairment of Property and Equipment and Intangible Assets

At the end of each reporting period, the Company reviews the carrying amounts of its tangible and intangible assets to determine whether any indication exists that those assets have suffered an impairment loss. If any such indication exists, it estimates the asset's recoverable amount to determine the extent of the impairment loss, if any. Where it is not possible to estimate a specific asset's recoverable amount, the Company estimates the recoverable amount of the cash-generating unit to which the asset belongs. Where a reasonable and consistent basis of allocation can be identified, assets are also allocated to specific cash-generating units, or otherwise they are allocated to the smallest group of cash-generating units for which a reasonable and consistent allocation basis can be identified.

Recoverable amount is the higher of fair value less costs to sell and value in use. In assessing value in use, the Company discounts estimated future cash flows to their present value using a pre-tax discount rate reflecting current market assessments of the time value of money and the risks specific to the asset for which the estimates of future cash flows have not been adjusted.

If an asset or cash-generating unit's recoverable amount is estimated to be less than its carrying amount, the carrying amount is reduced to its recoverable amount, recognizing an impairment loss immediately in the statements of operations and comprehensive loss. Where an impairment loss subsequently reverses, the carrying amount is increased to the revised estimate of its recoverable amount, without exceeding the carrying amount that would have been determined if no impairment loss had been recognized in prior years. A reversal of an impairment loss is recognized immediately in the consolidated statements of comprehensive loss.

Revenue

The Company derives its revenues primarily from the sale of spinal surgery implants. These spinal surgery implants may include patented ZIP MIS implant devices as well as vertebral body products and bone grafting materials (referred to as "biologics"). In addition, the Company may sell the instrument tray sets to medical groups. Revenue from the products and trays is recognized when the significant risks and rewards of ownership have been transferred to the customer, the sales price and costs can be measured reliably, and it is probable that the economic benefits will flow to the Company. These criteria are generally met at the time the product is shipped, delivered to the customer, title and risk have passed to the customer and acceptance of the product has been obtained.

The Company also receives revenue from referral fees. Revenue from referral fees primarily results from referring certain products to distributors and is recognized once the referral results in a sale.

Cost of Sales

Cost of sales includes the cost of manufacturing finished goods inventory (including depreciation, amortization and impairment charges), costs related to transportation, impairment, and inventory write-downs.

Share-based payments

Where equity-settled stock options are awarded to employees, the fair value of the stock options at the date of grant is charged to the statements of operations and comprehensive loss over the vesting period. Performance vesting conditions are taken into account by adjusting the number of equity instruments expected to vest at each reporting date so that, ultimately, the cumulative amount recognized over the vesting period is based on the number of options that eventually vest. Non-vesting conditions and market vesting conditions are factored into the fair value of the options granted. As long as all other vesting conditions are satisfied, a charge is made irrespective of

whether these vesting conditions are satisfied. The cumulative expense is not adjusted for failure to achieve a market vesting condition or where a non-vesting condition is not satisfied.

Where the terms and conditions of options are modified before they vest, the increase in the fair value of the options, measured immediately before and after modification, is also charged to the statement of comprehensive loss over the remaining vesting period. Where equity instruments are granted to employees, they are recorded at the fair value of the equity instrument at the grant date. The grant date fair value is recognized in statements of comprehensive loss over the vesting period, described as the period during which all the vesting conditions have been met.

Where equity instruments are granted to non-employees, they are recorded at the fair value of the goods or services received in statements of comprehensive loss, unless they are related to the issuance of shares. Amounts related to the issuance of shares are recorded as a reduction of share capital. When the value of goods and services received in exchange for the stock based payment cannot be reliably estimated, the fair value is measured by use of a valuation model. The expected life used in the model is adjusted, based on management's best estimate, for the effects of exercise restrictions, and behavioral considerations. All equity-settled stock based payments are reflected in contributed surplus, until exercised. Upon exercise, shares are issued from treasury and the amount reflected in contributed surplus is credited to shareholders' capital, adjusted for any considerations.

Foreign Currency Translation

The Company's functional currency is the US dollar ("USD"). The Company's subsidiaries functional currencies are the USD for Aurora Spine, Inc. and the Euro for Aurora Spine Europe Limited. Monetary assets and liabilities denominated in a foreign currency are translated to USD at exchange rates in effect at the end of the reporting period and non-monetary assets are transferred at rates of exchange in effect when the assets were acquired or obligations incurred. Revenue and expenses are translated at rates in effect at the time of the transactions. Foreign exchange gains and losses are included in statements of comprehensive loss.

Future Accounting Pronouncements

Certain pronouncements have been issued by the IASB or IFRIC ("IFRS Interpretations Committee") that will be effective for future accounting periods. Many of these are not applicable to the Company and so are not listed below. The following is a brief summary of the new standards:

IFRS 9 Financial Instruments

IFRS 9 Financial Instruments addresses the classification, measurement and derecognition of financial assets and financial liabilities, introduces new rules for hedge accounting and a new impairment model for financial assets. The Company will adopt the new standard on January 1, 2018.

The Company does not expect the new guidance to have a significant impact on the classification and measurement of its financial instruments for the following reasons:

- The Company does not currently hold any financial assets that would be accounted for differently under the new standard;
- The Company does not have any financial liabilities designated at fair value through profit or loss, which are the only liabilities impacted by the new standard; and
- The Company does not currently have any outstanding hedges that would require reassessment under the updated hedge accounting rules.

The new impairment model requires the recognition of impairment provisions based on expected credit losses rather than only incurred credit losses as is the case under IAS 39. This will apply to the Company's trade and other receivables. We do not expect our financial performance or disclosure to be materially affected by the application of the standard.

IFRS 15 Revenue from Contracts with Customers

IFRS 15 - Revenue from Contracts with Customers – This standard will replace IAS 18 which covers revenue arising from the sale of goods and the rendering of services and IAS 11 which covers construction contracts.

The new standard is based on the principle that revenue is recognized when control of a good or service transfers to a customer.

The standard permits either a full retrospective or a modified retrospective approach for the adoption. The Company will adopt the new standard on January 1, 2018. We do not expect our financial performance or disclosure to be materially affected by the application of the standard.

IFRS 16 Leases

IFRS 16 supersedes IAS 17 Leases, IFRIC 4 Determining whether an Arrangement contains a Lease, SIC-15 Operating Leases – Incentives and SIC-27 Evaluating the Substance of Transactions Involving the Legal Form of a Lease. It eliminates the distinction between operating and finance leases from the perspective of the lessee. All contracts that meet the definition of a lease will be recorded in the statement of financial position with a “right of use” asset and a corresponding liability. The asset is subsequently accounted for as property, plant and equipment or investment property and the liability is unwound using the interest rate inherent in the lease. The accounting requirements from the perspective of the lessor remain largely in line with previous IAS 17 requirements. The effective date for IFRS 16 is January 1, 2019. The Company is in the process of assessing the impact of the adoption of this standard on its financial statements.

FINANCIAL INSTRUMENTS

We initially measure financial instruments at fair value. Fair value estimates of financial instruments are made at a specific point in time based on relevant information about financial markets and specific financial instruments. As these estimates are subjective in nature, involving uncertainties and matters of significant judgment, they cannot be determined with precision. Changes in assumptions can significantly affect estimated fair values. Our financial instruments consist of cash, trade receivables, due to related parties and trade and other payables.

The fair value of cash, trade receivables, due to related parties and trade and other payables are approximately equal to their carrying value due to their short-term nature.

We classify financial instruments recognized at fair value in accordance with a fair value hierarchy that includes the inputs used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy are described below:

- Level 1 - valuation based on quoted prices (unadjusted) in active markets for identical assets or liabilities;
- Level 2 - valuation techniques based on inputs other than quoted prices included in Level 1 that are observable for the asset or liability, either directly (i.e., as prices) or indirectly (i.e., derived from prices); and
- Level 3 - valuation techniques using inputs for the asset or liability that are not based on observable market data (unobservable inputs).

The following is a summary of significant categories of financial instruments outstanding at December 31, 2017:

Cash	Fair value through profit or loss
Trade and other receivables	Loans and receivables
Trade and other payables	Financial liabilities
Related party loans	Financial liabilities

Subsequent measurement and treatment of any gain or loss is recorded as follows:

- Financial assets at Fair Value Through Profit or Loss ("FVTPL") are measured at fair value at the balance sheet date with any gain or loss recognized immediately in net income. Interest and dividends earned from these assets are also included in net income for the period. Cash is the only item currently classified as financial assets at FVTPL and is a level 1;
- Loans and receivables are measured at amortized cost using the effective interest method. Any gains or losses are recognized in net income for the period; and
- Other financial liabilities are measured at amortized cost using the effective interest method with interest expense recognized on an effective yield basis. This classification applies to the majority of our financial liabilities, including trade and other payables. Loans and borrowings are classified as current liabilities unless we have the unconditional right to defer settlement for at least 12 months after the end of the reporting period.

Financial Risk Management Objectives and Policies

The Company manages risk through establishing policies that provide management oversight related to the risks of operations, including ensuring that risks are identified and assessed, and that appropriate and effective policies are in place. Market risk is the risk that the fair value of a financial instrument will fluctuate because of changes in market prices. Market risk is segregated into three categories: other market risk, interest rate risk and currency risk. Other risks associated with financial instruments include credit risk and liquidity risk.

Interest rate risk

Interest rate risk arises because of changes in market interest rates. The Company considers itself to have very minimal exposure to interest rate risk.

Foreign currency risk

The prices paid by the Company's subsidiary for services and supplies are paid in US dollars, British pounds, Euros and Canadian dollars. The Company raised funds in Canadian dollars, which have been converted to US dollars. All financial instruments are denominated in US dollars and the functional currency of the subsidiary is US dollars. The Company is not significantly exposed to currency risk at December 31, 2017 and as such not deemed to be a risk to be hedged at the present time.

Credit risk

Credit risk arises when a failure by counterparties to discharge their obligations could reduce the amount of future cash inflows from financial assets on hand at the end of the reporting period.

[i] Cash

The Company minimizes its exposure to credit risk by keeping the majority of its cash as cash on deposit with a major US chartered bank. Management expects the credit risk to be minimal.

[ii] Trade receivables

The exposure to credit risk for the Company's trade receivables is considered minimal. The Company monitors for defaults of counterparties and has designated a staff member to, in part, focus on collection of the Company's outstanding accounts receivable.

Trade Receivables

Description	December 31, 2017	December 31, 2016
Current	\$ 470,943	\$ 293,120
Past due 1-30 days	243,147	517,659
Past due 31-60 days	25,410	131,563
Over 60 days	71,991	286,211
Closing balance (maximum credit risk)	\$ 811,491	\$1,228,553

Liquidity risk

Liquidity risk includes the risk that we will not be able to meet operational liquidity requirements to conduct our business.

The Company's operating cash requirements include amounts necessary to obtain regulatory approval to commercialize its products. The Company's objective is to maintain sufficient liquid resources to meet operational requirements. The Company's working capital position as at December 31, 2017 was \$2,023,416 (December 31, 2016 - \$2,336,525). The Company's continuing operations are dependent upon its ability to secure additional debt and equity capital, divest assets or generate cash flow from operations in the future, none of which are assured. There can be no assurances that the Company's activities will be successful or that sufficient funds can be raised in a timely manner.

Capital management

The Company's objective when managing capital, defined as its debt and equity, is to safeguard the entity's ability to continue as a going concern, so that it can provide returns for shareholders and benefits for other stakeholders. The Company is not subject to any externally imposed capital requirements. The Company's objective is to ensure adequate working capital to commercialize its products and it will use the sale of equity to fund its business to the point of revenue generation and asset based borrowing being sufficient to fund the business fully. The Company considers its capital to be the aggregate of shareholders' equity, comprising share capital, contributed surplus and deficit, which at December 31, 2017 was \$1,651,383 (2016 - \$3,470,093).

There is no change to the Company's capital management policy for the year ended December 31, 2017. There are no externally imposed restrictions on capital.

OUTSTANDING SHARE DATA

[a] Share capital

The number of authorized common shares without par value and preferred non-voting shares of share capital is unlimited.

The continuity of share capital is as follows:

Common Shares

	Common Shares	
	#	\$
Balance, December 31, 2016	33,248,674	19,358,978
Private placement ^{(a)(b)}	2,920,000	350,209
Share issuance costs ^{(a)(b)}	–	(3,147)
Balance, December 31, 2017	36,168,674	19,706,040

(a) On April 6, 2017, the Company completed a non-brokered private placement of common shares (the "April 2017 Offering"). Pursuant to the April 2017 Offering, the Company issued 1,670,000 common shares at a price of CDN\$0.18 (US\$ 0.1349) per share for aggregate gross proceeds of CDN\$300,600 (US\$ 225,209). Share issuance costs totalled CDN\$2,246 (US\$1,763). A director of the Company subscribed for an aggregate of 835,000 common shares for cash consideration of CDN\$150,300 (US\$ 112,605).

(b) On October 18, 2017, the Company completed a non-brokered private placement of common shares (the "October 2017 Offering"). Under the Offering, the Company issued 1,250,000 common shares to a director of the Company at a price of CDN\$0.125 (US\$0.10) per share for aggregate gross proceeds of CDN\$156,250 (US\$125,000). Share issuance costs totalled CDN\$1,730 (US\$1,384).

On February 6, 2018, the Company completed a private placement of common shares ("the "February 2018 Offering"), pursuant to which the Company issued 9,265,000 common shares at a price of CDN\$0.10 (US\$0.08) per share for aggregate gross proceeds of CDN\$926,500 (US\$741,200). In connection with this Offering, the Company paid aggregate cash commissions equal to CDN\$29,490 (US\$23,677). A director of the Company subscribed for an aggregate of 1,800,000 common shares for cash consideration of CDN\$180,000 (US\$144,000).

All securities issued in connection with this Offering are subject to a statutory four month hold period and are subject to certain conditions including, but not limited to, the receipt of all necessary approvals, including the final approval of the TSX Venture Exchange.

[b] Stock options

A stock option plan was approved and adopted by the Board of Directors of the Corporation on September 5, 2013. The Board of Directors may from time to time grant to directors, employees and consultants, options to acquire common shares.

The plan provides that the maximum number of common shares which may be reserved for issuance to Insiders may not exceed 10% of the common shares outstanding at the time of grant. A grant to Insiders, within any twelve-month period, of options reserving for issuance a number of shares may not exceed 10% of the common shares outstanding at the time of grant. A grant to any one individual, within any twelve-month period, of options reserving for issuance a number of shares may not exceed 5% of the common shares outstanding at the time of the grant, except in certain circumstances. A grant to all persons engaged by the Company to provide investor relations activities, within any twelve-month period, of options reserving for issuance a number of shares may not exceed 2% of the common shares outstanding at the time of the grant. Finally, a grant to any one Consultant, in any twelve-month period, of options reserving for issuance a number of shares may not exceed 2% of the common shares outstanding at the time of the grant.

Options granted under the plan can have a maximum life period of ten years after the grant date.

The option exercise price is established by the Board of Directors and may not be lower than the market price of the common shares at the time of grant.

As at December 31, 2017, the number of outstanding options which could be exercised for an equivalent number of common shares is as follows:

	Number of options	Weighted average exercise price	Weighted average remaining life in years
Balance, December 31, 2015	678,500	\$1.03	6.92
Issued ^(a)	1,377,500	0.22	7.43
Forfeited	(95,000)	N/A	N/A
Balance, December 31, 2016	1,961,000	0.44	7.04
Issued ^(b)	1,014,750	0.17	7.12
Forfeited	(588,500)	N/A	N/A
Balance, December 31, 2017	2,387,250	0.22	6.74
Exercisable, December 31, 2017	505,833	\$0.31	6.23

- (a) During the year ended December 31, 2016, the Company granted a total of 1,377,500 stock options. The options vest 1/3 on each annual anniversary for three years. The fair value of the stock options was estimated to be \$157,764 using the Black-Scholes option pricing model, with \$69,527 expensed related to current and prior period grants. The remaining expense will be recognized over the balance of the vesting periods.

- (b) During the year ended December 31, 2017, the Company granted a total of 1,014,750 stock options. The options vest 1/3 on each annual anniversary for three years. The fair value of the stock options was estimated to be \$74,898 using the Black-Scholes option pricing model, with \$74,579 expensed related to current and prior period grants. The remaining expense will be recognized over the balance of the vesting periods.

	2017	2016
Risk-free interest rate	1.37 - 1.99%	0.98 - 1.04%
Expected average volatility	94%	92%
Expected life	8 years	8 years
Expected dividend yield	Nil	Nil
Share price at date of grant	\$0.095 - \$0.19	\$0.13 - \$0.37
Exercise price at date of grant	\$0.095 - \$0.20	\$0.13 - \$0.37
Forfeiture rate	46%	35%

INTELLECTUAL PROPERTY

The Company capitalizes the cost of acquiring intellectual property. Carrying amounts are subject to impairment review annually and whenever there is an indication that an intangible asset may be impaired and where conditions exist, impairment is recognized. The Company capitalizes the cost of acquiring intellectual property. Carrying amounts are subject to impairment review annually and whenever there is an indication that an intangible asset may be impaired and where conditions exist, impairment is recognized. During the year ended 2017, the Company recorded \$28,040 of amortization expense. As at December 31, 2017 and 2016 there was no impairment of intellectual property and product development charges.

ADDITIONAL INFORMATION AND CONTINUOUS DISCLOSURE

This MD&A was prepared as of April 27, 2018. The Company regularly discloses additional information through the filing of press releases, material change reports, financial statements, quarterly and annual reports on SEDAR at www.sedar.com, and on our website at www.auroraspine.us.

This report was approved on April 27, 2018.