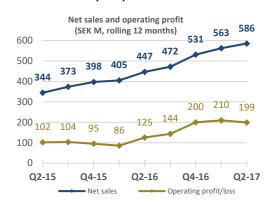


"In the first half of the year, net sales rose 25 percent to SEK 268 M (214). However, the operating margin declined to 22 percent (28) as a result of currency effects and increased selling expenses due to the expansion of our global sales and support organization. The University of Wisconsin-Madison has become a business partner for RayCare® and development activities are progressing according to plan," says Johan Löf, President and CEO of RaySearch.

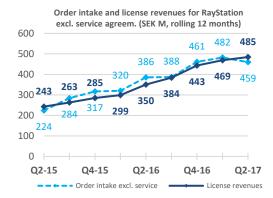
SECOND QUARTER (APRIL-JUNE 2017)

- Net sales SEK 141.6 M (119.0), of which revenues from RayStation® SEK 127.6 M (107.8)
- Profit after tax SEK 20.1 M (28.8), and earnings per share before/after dilution SEK 0.59 (0.84)
- Operating profit SEK 26.8 M (37.5)
- Cash flow negative SEK 13.7 M (neg: 21.0)
- Order intake excl. service agreements SEK 108.8 M (129.1), of which RayStation SEK 98.0 M (120.8)
- At the end of the period, the order backlog for RayStation was SEK 36.0 M [65.2]



HALF-YEAR (JANUARY-JUNE 2017)

- Net sales SEK 268.4 M (214.4), of which RayStation SEK 240.0 M (188.6)
- Profit after tax SEK 46.4 M (46.6) and earnings per share SEK 1.35 (1.36)
- Operating profit SEK 60.3 M (60.8)
- Cash flow negative SEK 16.7 M (neg: 26.3)
- Order intake excl. service agreements SEK 213.7 M (211.0), of which RayStation SEK 191.8 M (193.4)



SIGNIFICANT EVENTS DURING THE SECOND QUARTER

- RayStation was selected by a number of leading cancer clinics, including Johns Hopkins/Sibley Memorial Hospital, MedStar Georgetown University Hospital and Mayo Clinic Hospital in the US, the Academic Medical Center (AMC) in the Netherlands and Salzburger Landeskliniken (SALK) in Austria.
- All functionality in RayStation® 6 for Pencil Beam Scanning (PBS) can now also be used for Mitsubishi Electric's PBS systems.
- Another six proton therapy centers opted for RayStation during the second quarter bringing the total number of proton therapy centers that have chosen RayStation to 35, representing more than half of all global proton therapy centers.
- A long-term collaborative agreement for RayCare* was signed with the University of Wisconsin-Madison.
- The company's credit facility was increased from SEK 100 M to SEK 350 M.

NO SIGNIFICANT EVENTS AFTER THE END OF THE REPORTING PERIOD

FINANCIAL SUMMARY

AMOUNTS IN SEK 000S	APR-	JUN	JAN-JUN		JUL 2016-	FULL-YEAR
	2017	2016	2017	2016	JUN 2017	2016
Net sales	141,634	118,982	268,422	214,383	585,507	531,468
Operating profit	26,839	37,493	60,305	60,845	199,019	199,559
Operating margin, %	18.9	31.5	22.5	28.4	22.5	37.5
Profit for the period	20,092	28,837	46,366	46,597	46,366	151,408
Earnings per share before/after dilution, SEK	0.59	0.84	1.35	1.36	4.41	4.42
Cash flow from operating activities	25,640	14,908	65,027	36,771	149,104	120,848
Cash flow before financing activities	-11,471	-11,439	-3,486	-15,651	26,064	13,899
Return on equity, %	4.6	9.2	10.7	14.8	35.0	38.8
Equity/assets ratio at the end of the period, %	67.1	64.3	67.1	64.3	67.1	64.2
Share price at the end of the period, SEK	235.50	119.00	235.50	119.00	235.50	184.50

^{*} Regulatory approval is required in some markets.



CEO COMMENTS

CONTINUED FAVORABLE GROWTH

The favorable growth trend continued with net sales in the second quarter being the second highest ever and revenue from RayStation rose 27 percent to SEK 240 M (189) during the first half of the year.

Strengthened by our success with RayStation, we have expanded our global sales and service organization substantially in 2017 with both more employees and more subsidiaries to accelerate sales of RayStation and ensure the best possible customer

service. This expansion will continue, which may reduce the company's operating margin in the short term, but will improve the possibilities for high growth with good margins in the future.

RayStation is already firmly established in all major global markets as the most advanced treatment planning system for radiation therapy, and global demand for our innovative software is growing. One of RayStation's strengths is that the system can support more types of radiation therapy devices than any other treatment planning system, and the launch of RayStation 6 has made RayStation the only treatment planning system that can create plans for both conventional linear accelerators and Accuray's TomoTherapyTM treatment system.

RayStation helps to improve the radiation therapy and to extend the lifetime of therapy devices, which means they can be used more efficiently. Clinics that want to improve and develop their treatment are no longer dependent on buying the latest hardware — they can achieve similar, positive outcomes by choosing RayStation as their treatment planning system.

Proton therapy is a key area of focus for RaySearch. The eight new proton orders we received in the first half of the year brought our total number of proton therapy center customers to 35, representing a market share of over 50 percent. Today, less than one percent of all radiation therapy patients receive proton therapy, but according to experts* about 20 percent of radiation therapy patients could benefit from proton therapy. This means there is great growth potential in this area.

LOWER OPERATING MARGIN

In the first half of the year, net sales rose 25 percent to SEK 268 M (214). Operating profit totaled SEK 60 M (61), representing an operating margin of 22 percent (28). The lower margin was attributable to the US dollar weakening relative to the Swedish krona and increased selling expenses due to the expansion of our global sales and service organization.

We are still working actively to strengthen our cash flow and in the first half of the year, cash flow before financing activities improved to a negative SEK 3 M (neg: 16), despite sharp increased investment in RayCare.

NEXT-GENERATION ONCOLOGY SOFTWARE

RaySearch's overall objective is to improve cancer treatment through innovative software. Improving care outcomes and quality of life for cancer patients worldwide is the underlying driver of everything we create, and all decisions we make.

The launch of RayCare, a next-generation oncology information system, in December 2017 will be an important milestone — for both inpatient oncology units and for RaySearch. RayCare brings integrated cancer treatment within reach of many cancer clinics, and will create clinical opportunities that existing systems simply cannot do. The response from the clinical community to date has been overwhelmingly positive, and shows how badly this system is needed.

To ensure that we meet clinical needs, our development activities are conducted in close collaboration with leading cancer clinics. We can now announce that our existing group of business partners for RayCare – the University of California, San Francisco and MD Anderson in the US, the University Medical Center Groningen in the Netherlands and the radiation therapy department of the Iridium Kankernetwerk in Belgium – has now been joined by the University of Wisconsin-Madison in the US. Solving the coordination, safety and efficiency needs of the world's largest cancer care clinics is one of our most exciting challenges to date. Our development model is based on partnerships with leading clinics and provides ideal conditions for success by combining their extensive clinical knowledge and resources with RaySearch's ability to develop innovative software solutions.

*Source: MEDRays Intell Proton Therapy World Market Report 2015



To accelerate the pace of RayCare's development, we will be expanding our development department in 2017 and also establishing development offices in two strategic cities: Toronto and San Francisco. Both of these regions are home to many of our business partners and offer good access to talented people, which will increase our ability to recruit personnel with the right knowledge.

CLEAR PLAN AND SOLID BASE FOR CONTINUED INVESTMENT

Our sales and earnings will continue to vary by quarter, since the order intake remains subject to relatively large fluctuations. The second quarter is typically our weakest quarter due to high selling expenses for trade fairs and other seasonality, and historically RaySearch made a loss in the second quarter during four out of the last seven years. However, we are seeing continued sales growth, a steady rise in our recurring support revenues from RayStation and cash flow improvements. Combined with a clear strategic plan, this provides a stable base for continued investment in both RayStation and RayCare.

To date, 420 cancer clinics in 29 countries have purchased RayStation. At the same time, there are more than 8,000 radiation therapy clinics worldwide, and that number is expected to grow sharply over the next decade. The driving forces include rising cancer rates, growing awareness of the advantages of radiation therapy and major investment in cancer therapies in Asia. The market is therefore growing steadily and we will continue to grow considerably faster than the market. Our aim is that at least 3,000 clinics will have purchased RayStation within ten years, representing a market share of about 30 percent.

Software is driving many of the advances in cancer treatment today. RaySearch is uniquely positioned to contribute to this trend and we have excellent prospects for succeeding with our joint mission — to continue the advancement of cancer treatment by developing innovative software solutions that save lives and improve quality of life for cancer patients.

Stockholm, August 24, 2017

Johan Löf

President and CEO of RaySearch Laboratories AB (publ)



FINANCIAL INFORMATION

ORDER INTAKE

In the second quarter of 2017, order intake excluding service agreements declined 15.7 percent to SEK 108.8 M (129.1), of which order intake for RayStation excluding service agreements declined 18.9 percent to SEK 98.0 M (120.8). The second quarter is normally weakest, but order intake in the second quarter of 2016 was strong and remains the company's second-highest order intake ever. Over a two-year period, order intake for the second quarter has increased 22.9 percent annually.

							Rolling	Full-year
Order intake (a	mounts in SEK M)	Q2-17	Q1-17	Q4-16	Q3-16	Q2-16	12 months	2016
Order intake exc	l. service agreements — RayStation	98.0	93.8	176.3	91.2	120.8	459.4	461.0
Order intake exc	I. service agreements — Partners	10.8	11.1	12.7	9.8	8.3	44.4	40.1
Total order intal	ke excl. service agreements	108.8	104.9	189.0	101.1	129.1	503.7	501.1
Order backlog fo	r RayStation at the end of the							
period		36.0	58.1	67.6	55.5	65.2	36.0	67.6

In the first half of 2017, order intake excluding service agreements rose 1.3 percent to SEK 213.7 M (211.0), of which order intake for RayStation declined 0.8 percent to SEK 191.8 M (193.4). At June 30, 2017, the order backlog for RayStation was SEK 36.0 M (65.2).

REVENUES

In the second quarter of 2017, net sales rose 19.0 percent to SEK 141.6 M (119.0). Net sales consist of license revenues from sales of the RayStation treatment planning system, sales of software modules via partners, and support revenues. The growth in net sales was largely attributable to increased revenues from RayStation, which rose 18.4 percent to SEK 127.6 M (107.8). In the second quarter, sales had the following geographic distribution: North America, 44 percent (56); Asia, 19 percent (12); Europe and the rest of the world, 37 percent (32).

Revenues (amounts in SEK M)	Q2-17	Q1-17	Q4-16	Q3-16	Q2-16	Rolling 12 months	Full-year 2016
License revenues – RayStation	116.0	99.8	164.3	104.5	100.7	484.5	443.4
License revenues – Partners	10.8	11.1	12.7	9.8	8.3	44.4	40.1
Support revenues – RayStation	11.1	11.5	9.5	8.0	6.9	40.1	31.1
Support revenues – Partners	3.2	3.4	3.9	3.3	2.8	13.8	15.4
Training and other revenues – RayStation	0.6	1.0	1.0	0.1	0.3	2.7	1.5
Net sales	141.6	126.8	191.4	125.7	119.0	585.5	531.5
Sales growth, corresp. period, %	19.0%	32.9%	45.0%	25.0%	53.6%	31.0%	33.7%
Organic sales growth, corresp. period, %	13.8%	28.1%	39.2%	24.0%	55.4%	26.6%	31.6%

In the first half of 2017, sales rose 25.2 percent to SEK 268.4 M (214.4), of which revenues from RayStation increased 27.3 percent to SEK 240.0 M (188.6). In the first half of the year, sales had the following geographic distribution: North America, 41 percent (43); Asia, 12 percent (14); Europe and the rest of the world, 47 percent (43).

Recurring support revenues from RayStation rose 66 percent to SEK 22.6 M (13.6), representing 9.4 percent (7.2) of total revenues from RayStation in the first half of the year.

Revenues from sales of software modules via partners rose 10.5 percent to SEK 28.5 M (25.8), representing 10.6 percent (12.0) of net sales.



OPERATING PROFIT

In the second quarter of 2017, operating profit declined to SEK 26.8 M (37.5), representing an operating margin of 18.9 percent (31.5). The lower profit was due to currency effects and increased selling expenses. The continued expansion of RaySearch's research and development departments and the global marketing organization has led to higher operating expenses. This cost increase was not fully offset by the increase in sales during the second quarter of 2017.

Other operating income and expenses refers to exchange-rate gains and losses, with the net of these amounting to an expense of SEK 8.4 M (income: 3.8) in the second quarter of 2017. This was mainly due to the major portion of accounts receivable denominated in USD, which weakened against the SEK in the second quarter compared with the end of the first quarter.

In the first half of the year, operating profit decreased to SEK 60.3 M (60.8), corresponding to an operating margin of 22.5 percent (28.4).

Currency effects

The company is impacted by exchange-rate trends in the USD and EUR against the SEK, since invoicing is mainly denominated in USD and EUR, while most costs are in SEK. At unchanged exchange rates, organic sales growth was 13.8 percent in the second quarter of 2017, compared with the year-earlier period.

A sensitivity analysis of the company's currency exposure shows that a 1-percentage point change in the USD exchange rate against the SEK would have impacted consolidated operating profit by approximately +/- SEK 3.3 M in the first half of 2017, while a corresponding change in the EUR exchange rate would have impacted consolidated operating profit by approximately +/- SEK 0.6 M.

The company follows the financial policy established by the Board of Directors, whereby exchange-rate changes are not hedged. In the second quarter of 2017, currency effects had an overall positive impact on net sales but a negative impact on operating profit, compared with the year-earlier period.

Capitalization of development expenditure

At June 30, 2017, 125 (103) employees were engaged in research and development. Research and development expenditure includes payroll costs, consulting fees, computer equipment and premises.

						Rolling	Full-year
Capitalization of development expenditure	Q2-17	Q1-17	Q4-1 6	Q3-16	Q2-16	12 months	2016
Research and development expenditure	42.7	39.6	42.3	32.9	35.5	157.7	141.3
Capitalization of development expenditure	-31.1	-29.8	-31.0	-22.8	-25.7	-114.7	-104.4
Amortization of capitalized development							
expenditure	15.2	14.7	13.7	14.0	14.8	57.6	56.3
Research and development expenditure after							
adjustments for capitalization and							
amortization of							
development expenditure	26.8	24.5	25.0	24.1	24.6	100.4	93.2

In the first half of the year, research and development expenditure amounted to SEK 82.3 M (66.1), of which development expenditure of SEK 60.9 M (50.5) was capitalized. The increase mainly pertained to RayCare, which will be launched in December 2017 as planned. Amortization of capitalized development expenditure in the first half of the year amounted to SEK 29.9 M (28.5). After adjustments for capitalization and amortization of development expenditure, research and development costs totaled SEK 51.3 M (44.1).

Amortization and depreciation

In the second quarter of 2017, total amortization and depreciation was SEK 18.2 M (17.5), of which amortization of intangible fixed assets totaled SEK 15.1 M (14.8), primarily related to capitalized development expenditure, and depreciation of tangible fixed assets amounted to SEK 3.1 M (2.7).

In the first half of 2017, total amortization and depreciation was SEK 35.9 M (34.0), of which amortization of intangible fixed assets totaled SEK 29.8 M (28.5), mainly related to capitalized development expenditure, and depreciation of tangible fixed assets amounted to SEK 6.1 M (5.5).



PROFIT/LOSS AND EARNINGS PER SHARE

In the second quarter of 2017, profit after tax was SEK 20.1 M (28.8), representing earnings per share before and after dilution of SEK 0.59 (0.84). In the first half of 2017, profit after tax was SEK 46.4 M (46.6), representing earnings per share before and after dilution of SEK 1.35 (1.36).

In the first half of the year, tax expense was SEK 12.7 M (expense: 13.3), corresponding to an effective tax rate of 21.5 percent (22.2).

CASH FLOW AND LIQUIDITY

In the second quarter of 2017, cash flow from operating activities was SEK 25.6 M (14.9). A weaker result was offset by a lower year-on-year increase in working capital. The increase in working capital was mainly a result of stronger accounts receivable and accrued income due to high sales growth. At the end of the period, accounts receivable represented 42 percent (47) of net sales over the past 12 months and accrued income for 18 percent (7) of net sales over the past 12 months. Several measures were taken to reduce the period between revenue recognition and payment, and these have now begun to show positive results. In the first half of the year, cash flow from operating activities was SEK 65.0 M (36.8).

In the second quarter, cash flow from investing activities was a negative SEK 37.1 M (neg: 26.3). Investments in intangible fixed assets amounted to a negative SEK 31.0 M (neg: 25.8), and comprised capitalized development expenditure for RayStation and RayCare. Investments in tangible fixed assets amounted to SEK 6.0 M (neg: 0.5).

In the first half of the year, cash flow from investing activities was a negative SEK 68.5 M (neg: 52.4), and a finance lease was used to fund an additional SEK 1.0 M (0.0). Investments in intangible fixed assets amounted to a negative SEK 60.9 M (neg: 50.6) and comprised capitalized development expenditure. Investments in intangible fixed assets amounted to a negative SEK 8.6 M (1.8).

Cash flow before financing activities was a negative SEK 11.5 M (neg: 11.4) in the second quarter of 2017, and a negative SEK 3.5 M (neg: 15.7) in the first half of 2017.

Cash flow from financing activities was a negative SEK 2.2 M (neg: 9.6) in the second quarter of 2017, mainly attributable to a repayment on the company's financial lease agreement. In the first half of 2017, cash flow from financing activities was a negative SEK 13.2 M (neg: 10.6), mainly attributable to a repayment of SEK 10 M on the company's revolving credit facility.

In the first half of 2017, cash flow for the period was a negative SEK 16.7 M (neg: 26.3) and at June 30, 2017, consolidated cash and cash equivalents amounted to SEK 70.2 M (33.5).

FINANCIAL POSITION

At June 30, 2017, RaySearch's total assets amounted to SEK 757 M (555) and the equity/assets ratio was 67.1 percent (64.3). Current receivables amounted to SEK 359.7 M (266.2). The receivables mainly comprised accounts receivable and accrued income, and the increase was primarily the result of sharp sales growth.

In May 2017, the company's credit facility was increased from SEK 100 M to SEK 350 M. The credit facility runs until May 2020 and comprises a revolving loan facility of up to SEK 300 M and an overdraft facility of SEK 50 M. Chattel mortgages amount to SEK 100 M. At June 30, 2017, a short-term loan totaling SEK 40 M had been utilized within the framework of the company's revolving loan facility. Of the company's overdraft facility of SEK 50 M, an amount of SEK 9.0 M has been blocked as collateral for bank guarantees.

At June 30, 2017, the Group had negative net debt of SEK 20.8 M (pos: 16.0).

EMPLOYEES

At the end of the first half-year, the Group had 234 (182) employees, of whom 183 were based in Sweden and 51 in foreign subsidiaries. In the January-June period of 2017, the average number of employees was 210 (179).

PARENT COMPANY

RaySearch Laboratories AB (publ) is the Parent Company of the RaySearch Group. Since the Parent Company's operations are consistent with the Group's operations in all material respects, the comments for the Group are also largely relevant for the Parent Company. However, the capitalization of development expenditure and items related to finance leases are recognized in the Group, but not in the Parent Company. The Parent Company's current receivables mainly comprise receivables from Group companies and accounts receivable.



SIGNIFICANT EVENTS IN THE FIRST HALF OF THE YEAR

RayStation 6 was launched

In January, it was announced that the latest version of RayStation had been launched, making RayStation the only treatment planning system that can create plans for Accuray's TomoTherapyTMtreatment system as well as conventional linear accelerators. RayStation 6 also includes other significant new functionality, including a Monte Carlo Pencil Beam Scanning (PBS) model for dose computation, PBS planning with block aperture computation, simultaneous optimization of multiple beamsets, MRI-based planning and automatic reset.

In the second quarter, it was announced that all functionality in RayStation® 6 for Pencil Beam Scanning (PBS) proton therapy could now also be used for Mitsubishi Electric's PBS system.

RayStation was selected by several leading cancer clinics

In the first half of 2017, several of the world's largest and most respected cancer clinics selected RayStation as their treatment planning system, including, Johns Hopkins/Sibley Memorial Hospital, MedStar Georgetown University Hospital, Mayo Clinic Hospital, Kennestone Hospital (part of the WellStar Health System) and Sharp Memorial Hospital (part of Sharp HealthCare) in the US, Nottingham City Hospital in the UK, the Academic Medical Center (AMC) in the Netherlands, Salzburger Landeskliniken (SALK) in Austria, Zhuozhou in China and the Tata Memorial Centre in India. In addition, the Maryland Proton Treatment Center, in partnership with the University of Maryland, has expanded its RayStation installations.

New Al technology for automated treatment planning

In February, it was announced that University Health Network (UHN) in Canada had licensed a new artificial intelligence (AI) technology for automated radiation therapy treatment planning (AutoPlanning) with exclusive rights to RaySearch.

Johan Löf named Sweden's most successful entrepreneur

In February, RaySearch's CEO and founder, Johan Löf, was named Sweden's most successful entrepreneur in the Swedish final of the 2016 EY Entrepreneur of the Year program. The jury citation was: "Johan Löf has created a company that brings benefits to both individuals and society. Advanced products, combined with personal and commercial drive, distinguish his business. Continued expansion is on the agenda for this entrepreneur who improves quality of life for millions of people."

Long-term collaborative agreement for RayCare with MD Anderson

In March, it was announced that RaySearch had entered into a long-term collaborative agreement with the University of Texas MD Anderson Cancer Center in Houston, Texas for RayCare, the next-generation oncology information system (OIS) developed by RaySearch. Johan Löf says: "By combining MD Anderson's extensive clinical knowledge and resources with RaySearch's capacity for innovative development, this partnership has all the prerequisites for success."

Increased credit facility

In May 2017, the company's credit facility was increased from SEK 100 M to SEK 350 M. The credit facility runs until May 2020 and comprises a revolving loan facility of up to SEK 300 M and an overdraft facility of SEK 50 M. Chattel mortgages amount to SEK 100 M.

Long-term collaborative agreement for RayCare with the University of Wisconsin-Madison

In June, it was announced that RaySearch had signed a long-term collaborative agreement for RayCare with the University of Wisconsin-Madison. John Bayouth, Chief of Radiation Oncology Physics at the University of Wisconsin Department of Human Oncology, says: "RayCare has been designed to coordinate our various oncological disciplines and we are hoping to develop the full potential of our multifaceted clinical resources."

Continued sales success for RayStation's proton planning

In the first half of 2017, another eight proton therapy centers opted for RayStation, bringing the total number of proton therapy centers that have chosen RayStation to 35, representing more than half of all global proton-therapy centers.



THE COMPANY'S SHARE

At June 30, 2017, the total number of registered shares in RaySearch was 34,282,773, of which 8,654,975 were Class A and 25,627,798 Class B shares. The quotient value is SEK 0.50 and the company's share capital amounts to SEK 17,141,386.50. Each Class A share entitles the holder to ten votes, and each Class B share to one vote, at a general meeting. At June 30, 2017, the total number of votes in RaySearch was 112,177,548.

SHARE OWNERSHIP

At June 30, 2017, the total number of shareholders in RaySearch was 6,440 and, according to Euroclear, the largest shareholders were as follows:

	Class A			Share	
Name	shares	Class B shares	Total shares	capital, %	Votes, %
Johan Löf	6,243,084	618,393	6,861,477	20.0	56.2
Lannebo Funds	0	3,996,852	3,996,852	11.7	3.6
Swedbank Robur Funds	0	2,998,538	2,998,538	8.8	2.7
Second AP Fund	0	1,741,775	1,741,775	5.1	1.6
Montanaro funds	0	1,455,000	1,455,000	4.2	1.3
First AP Fund	0	1,409,118	1,409,118	4.1	1.3
Anders Brahme	1,350,161	0	1,350,161	3.9	12.0
Carl Filip Bergendal	1,061,577	144,920	1,206,497	3.5	9.6
State Street Bank & Trust	0	1,133,037	1,133,037	3.3	1.0
JPMorgan Chase (UK)	0	778,308	778,308	2.3	0.7
Total, 10 largest					
shareholders	8,654,822	14,275,941	22,930,763	66.9	89.9
Others	153	11,351,857	11,352,010	33.1	10.1
Total	8,654,975	25,627,798	34,282,773	100.0	100.0

OTHER INFORMATION

2017 ANNUAL GENERAL MEETING

RaySearch's 2017 AGM was held on Tuesday, May 23, 2017. The AGM re-elected Carl Filip Bergendal, Johan Löf and Hans Wigzell to the Board, and elected Johanna Öberg as a new Board member. Carl Filip Bergendal was re-elected as Chairman of the Board. The AGM resolved that no dividend would be paid for the 2016 fiscal year.

RISKS AND UNCERTAINTIES

As a global Group with operations in different parts of the world, RaySearch is exposed to various risks and uncertainties, such as market risk, operational risk and financial risk. Risk management at RaySearch aims to identify, measure and reduce risks related to the Group's transactions and operations. No significant changes have been made to the risk assessment compared with the 2016 Annual Report. For more information about risks and risk management, see pages 7-9 and 31-32 of RaySearch's 2016 Annual Report.

SEASONAL VARIATIONS

RaySearch's operations are somewhat characterized by seasonal variations that are typical for the industry, whereby the fourth quarter is normally the strongest – mainly because many customers have budgets that follow the calendar year – and the second quarter is normally the weakest.

ENVIRONMENT AND SUSTAINABILITY

RaySearch works actively to reduce its negative environmental impact and to become a sustainable enterprise. The company's products, comprising software to improve radiation therapy for cancer treatment, have a limited negative impact on the environment. The company's environmental impact is mainly related to the purchase of goods and services, energy use and transportation. RaySearch aims to contribute to sustainable development and therefore works actively to improve the company's environmental performance wherever this is financially viable. RaySearch has an established environmental policy, and promotes social responsibility and long-term sustainable development based on sound ethical, social and environmental principles.



REVIEW

This interim report has not been reviewed by the company's auditors.

The Board of Directors and President give their assurance that the six-month report provides a true and fair view of the Group's and the Parent Company's operations, positions and earnings, and describes the significant risks and uncertainties facing the Parent Company and the companies included in the Group.

Stockholm, August 24, 2017

The Board of Directors of RaySearch Laboratories AB (publ)

Carl Filip Bergendal

Johan Löf

Chairman of the Board

President and Board member

Hans Wigzell

Board member

Johanna Öberg Board member

FOR FURTHER INFORMATION, PLEASE CONTACT:

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The information contained in the interim report is such that RaySearch Laboratories AB (publ) is obliged to disclose under the EU Market Abuse Regulation and the Swedish Securities Market Act. The information was submitted for publication on August 24, 2017 at 7:45 a.m. CET.

FINANCIAL CALENDAR

Interim report for the third quarter, 2017 Year-end report, 2017 Interim report for the first quarter, 2018 November 22, 2017 February 15, 2018 May 9, 2018



CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME IN SUMMARY

AMOUNTS IN SEK 000S	APR-JUN		JAN-J	IUN	JUL 2016-	FULL-YEAR
	2017	2016	2017	2016	JUN 2017	2016
Net sales	141,634	118,982	268,422	214,383	585,507	531,468
Cost of goods sold ¹⁾	-10,926	-5,654	-20,908	-10,907	-36,873	-26,872
Gross profit	130,708	113,328	247,514	203,476	548,634	504,596
Other operating income	-	3,775	-	6,406	10,963	17,369
Selling expenses	-52,960	-39,888	-91,913	-71,390	-177,364	-156,841
Administrative expenses	-15,758	-15,128	-31,382	-28,388	-69,285	-66,291
Research and development expenditure	-26,770	-24,594	-51,283	-44,054	-100,436	-93,207
Other operating expenses	-8,381		-12,631	-5,205	-13,493	-6,067
Operating profit	26,839	37,493	60,305	60,845	199,019	199,559
Result from financial items	-418	-557	-1,259	-986	-1,747	-1,474
Profit before tax	26,421	36,936	59,046	59,859	197,272	198,085
Тах	-6,329	-8,099	-12,680	-13,262	-46,095	-46,677
Profit for the period ^{2]}	20,092	28,837	46,366	46,597	151,177	151,408
Other comprehensive income						
Items to be reclassified to profit or loss Translation difference of foreign operations for the						
period	1,318	-1,393	1,696	-906	435	-2,167
Items not to be reclassified to profit or loss	-	-	-	-	-	-
Comprehensive income for the period $^{2]}$	21,410	27,444	48,062	45,691	151,612	149,241
Earnings per share before and after dilution (SEK)	0.59	0.84	1.35	1.36	4.41	4.42

 $^{^{1)}}$ Does not include amortization of capitalized development expenditure, which is included in research and development expenditure. $^{2)}$ 100 percent attributable to Parent Company shareholders.

CONSOLIDATED STATEMENT OF CHANGES IN EQUITY IN SUMMARY

AMOUNTS IN SEK 000S	APR	JUN	JAN-J	IUN	FULL-YEAR
	2017	2016	2017	2016	2016
Opening balance	486,840	337,764	460,188	319,517	319,517
Profit for the period	20,092	28,837	46,366	46,597	151,408
Translation difference for the period	1,318	-1,393	1,696	-906	-2,167
Dividend paid	-	-8,570	-	-8,570	-8,570
Closing balance	508,250	356,638	508,250	356,638	460,188



CONSOLIDATED STATEMENT OF FINANCIAL POSITION IN SUMMARY

AMOUNTS IN SEK 000S	JUN 30, 2017	JUN 30, 2016	DEC 31, 2016
ASSETS			
Intangible fixed assets	274,234	217,127	243,219
Tangible fixed assets	38,178	38,198	35,667
Deferred tax assets	455	57	512
Other long-term receivables	14,619		2,267
Total fixed assets	327,486	255,382	281,665
Current receivables	359,716	266,164	347,869
Cash and cash equivalents	70,165	33,526	87,720
Total current assets	429,881	299,690	435,589
TOTAL ASSETS	757,367	555,072	717,254
EQUITY AND LIABILITIES			
Equity	508,250	356,638	460,188
Deferred tax liabilities	77,424	56,192	70,601
Long-term liabilities	10,491	36,129	61,527
Accounts payable	17,274	20,467	11,943
Other current liabilities	143,928	85,646	112,995
TOTAL EQUITY AND LIABILITIES	757,367	555,072	717,254

CONSOLIDATED STATEMENT OF CASH FLOW IN SUMMARY

AMOUNTS IN SEK 000S	APR-	JUN	JAN-J	JUN	FULL-YEAR
	2017	2016	2017	2016	2016
Profit before tax	26,421	36,936	59,046	59,859	198,085
Adjusted for					
non-cash items ¹⁾	7,950	22,334	19,043	34,347	75,238
Taxes paid	-3,719	-4,827	-7,885	-11,574	-19,218
Cash flow from operating activities before changes in					
working capital	30,652	54,443	70,204	82,632	254,105
Cash flow from changes in working capital	-5,012	-39,535	-5,177	-45,861	-133,257
Cash flow from operating activities	25,640	14,908	65,027	36,771	120,848
Cash flow from investing activities	-37,111	-26,347	-68,513	-52,422	-106,949
Cash flow from financing activities	-2,239	-9,591	-13,230	-10,604	12,291
Cash flow for the period	-13,710	-21,030	-16,716	-26,255	26,190
Cash and cash equivalents at the beginning of the period	84,432	54,644	87,720	59,705	59,705
Exchange-rate difference in cash and cash equivalents	-557	-88	-839	76	1,825
Cash and cash equivalents at the end of the period	70,165	33,526	70,165	33,526	87,720

 $^{^{1)}} These \ amounts \ primarily \ include \ amortization \ of \ capitalized \ development \ expenditure.$



PARENT COMPANY INCOME STATEMENT IN SUMMARY

AMOUNTS IN SEK 000S	APR-	JUN	JAN-J	FULL-YEAR	
	2017	2016	2017	2016	2016
Net sales	114,909	102,750	216,944	182,300	460,728
Cost of goods sold ¹⁾	-1,958	-2,628	-8,607	-5,227	-15,418
Gross profit	112,951	100,122	208,337	177,073	445,310
Other operating income	-	3,775		6,406	17,369
Selling expenses	-36,597	-29,518	-60,302	-49,276	-106,745
Administrative expenses	-15,971	-15,373	-31,720	-28,876	-67,178
Research and development expenditure	-42,699	-35,481	-82,298	-66,067	-141,312
Other operating expenses	-8,381	-	-12,631	-5,205	-6,067
Operating profit	9,303	23,525	21,386	34,055	141,377
Result from financial items	-314	-414	-970	-692	2,012
Profit after financial items	8,989	23,111	20,416	33,363	143,389
Appropriations		-		-	-40,144
Profit before tax	8,989	23,111	20,416	33,363	103,245
Tax	-2,612	-5,564	-5,387	-7,925	-25,817
Profit for the period	6,377	17,547	15,029	25,438	77,428

¹⁾ Does not include amortization of capitalized development expenditure, which is included in research and development expenditure.

PARENT COMPANY STATEMENT OF COMPREHENSIVE INCOME

AMOUNTS IN SEK 000S	APR-JUN		JAN-	FULL-YEAR	
	2017	2016	2017	2016	2016
Profit for the period	6,377	17,547	15,029	25,438	77,428
Other comprehensive income		-	-	-	-
Comprehensive income for the period	6,377	17,547	15,029	25,438	77,428



PARENT COMPANY BALANCE SHEET IN SUMMARY

AMOUNTS IN SEK 000S	JUN 30, 2017	JUN 30, 2016	DEC 31, 2016
ASSETS			
Tangible fixed assets	25,040	24,300	21,316
Shares and participations	640	639	640
Deferred tax assets	455	57	512
Other long-term receivables	9,656	-	2,267
Total fixed assets	35,791	25,026	24,735
Current receivables	356,356	277,802	350,149
Cash and cash equivalents	54,220	23,945	66,984
Total current assets	410,576	301,747	417,133
TOTAL ASSETS	446,367	326,773	441,868
EQUITY AND LIABILITIES			
Equity	253,190	186,171	238,161
Untaxed reserves	77,695	37,551	77,695
Deferred tax liabilities	-	163	-
Long-term liabilities	-	25,000	50,000
Accounts payable	15,991	22,502	16,249
Other current liabilities	99,491	55,386	59,763
TOTAL EQUITY AND LIABILITIES	446,367	326,773	441.868



NOTES, GROUP

NOTE 1 ACCOUNTING POLICES

The RaySearch Group applies International Financial Reporting Standards (IFRS), as adopted by the EU. The Swedish Financial Reporting Board's recommendation, RFR 1 Supplementary Accounting Rules for Corporate Groups, has also been applied. The Parent Company applies the Swedish Annual Accounts Act and RFR 2 Accounting for Legal Entities. The interim report for the Parent Company has been prepared in accordance with the Swedish Annual Accounts Act, Chapter 9, Interim report. The accounting policies applied are consistent with those described in the 2016 Annual Report for RaySearch Laboratories AB (publ), which is available on www.raysearchlabs.com New or revised IFRS reporting requirements for 2017 have not impacted RaySearch during the period.

IFRS 15 is effective for fiscal years beginning on or after January 1, 2018. The standard will be applied by the Group and Parent Company as of January 1, 2018. An evaluation of the standard's impact on the financial statements is ongoing. This condensed interim report for the Group has been prepared in accordance with IAS 34 Interim Financial Reporting and the applicable provisions of the Swedish Annual Accounts Act.

NOTE 2 ESTIMATES

Preparation of the interim report requires that company management makes estimates affecting the carrying amounts of assets, liabilities, revenues and expenses. The actual outcome could deviate from these estimates. The critical sources of uncertainty in the estimates are the same as those in the most recent Annual Report.

NOTE 3 FINANCIAL INSTRUMENTS

RaySearch's financial assets and liabilities comprise accounts receivable, cash and cash equivalents, accrued income, accrued expenses, accounts payable, bank loans and a finance lease. Long-term accounts receivable and accrued income are discounted, while other financial assets and liabilities have short-term maturities. Accordingly, the fair values of all financial instruments are deemed to correspond approximately to their carrying amounts. RaySearch has not applied net accounting to any financial assets or liabilities, and has no agreements that permit offsetting.

NOTE 4 RELATED-PARTY TRANSACTIONS

There were no transactions between RaySearch and related parties that materially affected the company's position and earnings during the period.

NOTE 5 CURRENT RECEIVABLES

AMOUNTS IN SEK 000S	JUN 30, 2017	JUN 30, 2016	DEC 31, 2016
Accounts receivable	244,864	207,946	282,535
Prepaid expenses	16,622	19,660	14,167
Accrued income	91,485	31,590	47,576
Other current receivables	6,745	6,968	3,591
Total current receivables	359,716	266,164	347,869

NOTE 6 LONG-TERM RECEIVABLES

AMOUNTS IN SEK 000S	JUN 30, 2017	JUN 30, 2016	DEC 31, 2016
Accrued income	14,619	0	2,267
Total current receivables	14,619	0	2,267



NOTE 7 CURRENT LIABILITIES

AMOUNTS IN SEK 000S	JUN 30, 2017	JUN 30, 2016	DEC 31, 2016
Tax liabilities	8,997	508	11,148
Accounts payable	17,274	20,467	11,943
Accrued expenses and prepaid income	91,348	67,070	89,616
Bank borrowings	38,833	0	0
Other current liabilities	4,750	18,068	12,231
Total current receivables	161,202	106,113	124,938

NOTE 8 PLEDGED ASSETS IN THE GROUP AND PARENT COMPANY

AMOUNTS IN SEK 000S	JUN 30, 2017	JUN 30, 2016	DEC 31, 2016
Chattel mortgages	100,000	50,000	100,000
Guarantees	8,996	4,000	17,700



GROUP QUARTERLY OVERVIEW

	201	.7		20	016		2	015
AMOUNTS IN SEK 000s	Q2	Q1	04	Q3	Q2	Q1	Q4	Q3
Income statement								
Net sales	141,634	126,788	191,355	125,730	118,982	95,401	131,957	100,570
Sales growth, %	19.0	32.9	45.0	25.0	53.8	8.7	22.4	40.5
Operating profit	26,839	33,466	100,249	38,465	37,493	23,352	44,302	20,085
Operating margin, %	18.9	26.4	52.4	30.6	31.5	24.5	33.6	20.0
Profit for the period	20,092	26,274	75,924	28,887	28,837	17,760	33,311	14,480
Net margin, %	14.2	20.7	39.7	23.0	24.2	18.6	25.2	14.4
Cash flow								
Operating activities	25,640	39,387	73,866	10,211	14,908	21,863	41,224	13,093
Investing activities	-37,111	-31,402	-31,207	-23,320	-26,347	-26,075	-27,564	-18,579
Cash flow before financing activities	-11,471	7,985	42,659	-13,109	-11,439	-4,212	13,660	-5,486
Financing activities	-2,239	-10,991	13,940	8,955	-9,591	-1,013	-1,234	-1,012
Cash flow for the period	-13,710	-3,006	56,599	-4,154	-21,030	-5,225	12,426	-6,498
Capital structure								
Equity/assets ratio, %	67.1	66.2	64.2	65.8	64.3	66.5	65.9	62.3
Net debt	-20,841	-32,869	-26,193	30,420	16,018	-4,784	-8,512	4,816
Debt/equity ratio	-0.0	-0.1	-0.1	0.1	0.0	0.0	0.0	0.0
Net debt/EBITDA	-0.1	-0.1	-0.1	0.1	0.1	0.0	-0.1	0.0
Per share data, SEK								
Earnings per share before dilution	0.59	0.77	2.21	0.84	0.83	0.52	0.97	0.42
Earnings per share after dilution	0.59	0.77	2.21	0.84	0.83	0.52	0.97	0.42
Equity per share	14.83	14.20	13.42	11.26	10.40	9.85	9.32	8.36
Share price at the end of the period	235.5	235.0	184.5	198.50	119.00	120.50	122.50	119.00
Other No. of shares before and after								
dilution, 000s	34,282.8	34,282.8	34,282.8	34,282.8	34,282.8	34,282.8	34,282.8	34,282.8
Average no. of employees	219	201	192	185	181	177	175	164

GROUP, ROLLING 12 MONTHS

	Jul 2016-	Apr 2016-	Jan 2016-	Oct 2015-	Jul 2015-	Apr 2015-	Jan 2015-	Oct 2014-
AMOUNTS IN SEK 000s	Jun 2017	Mar 2017	Dec 2016	Sep 2016	Jun 2016	Mar 2016	Dec 2015	Sep 2015
Income statement								
Net sales	585,507	562,855	531,468	472,070	446,909	405,268	397,600	373,423
Operating profit	199,019	209,673	199,559	143,612	125,232	85,625	95,344	103,809
Operating margin, %	34.0	37.3	37.5	30.4	28.0	21.1	24.0	27.8



DEFINITIONS OF KEY RATIOS

The interim report refers to a number of non-IFRS financial measures that are used to provide investors and company management with additional information to assess the company's operations. The various non-IFRS financial measures that are used to complement the financial information reported in accordance with IFRS are described below.

Non-IFRS financial measures	Definition	Reason for using the measure
Order intake excluding	The value of all orders received and changes to	Order intake is an indicator of future revenues and is thus
service agreements	existing orders during the current period excluding the value of service agreements.	is a key figure for the management of RaySearch's operations.
Order intake for RayStation	The value of orders received and changes to existing	Order intake is an indicator of future revenues and is thus
excluding service agreements	orders for RayStation during the current period,	is a key figure for the management of RaySearch's main
excluding service agreements	excluding the value of service agreements.	operational areas.
Order backlog for RayStation	The value of orders for RayStation at the end of the	The order backlog shows the value of orders already
	period that the company has yet to deliver and recognize as revenue.	booked by RaySearch that will be converted to revenues in the future.
Sales growth	The change in net sales compared with the year-	The measure is used to track the performance of the
outoo gromm	earlier period expressed as a percentage	company's operations between periods
Organic sales growth	Sales growth excluding currency effects	This measure is used to monitor underlying sales growth
		driven by changes in volume, pricing and mix for
		comparable units between different periods
Gross profit	Net sales minus cost of goods sold	Gross profit is used to illustrate the margin before sales,
•		research, development and administrative expenses
Operating profit	Calculated as earnings before financial items and tax	Operating profit/loss provides an overall picture of the total
		generation of earnings in operating activities
Operating margin	Operating profit/loss expressed as a percentage of net	Together with sales growth, the operating margin is a key
	sales	element for monitoring value creation
Net margin	Profit for the period as a percentage of net sales for	The net margin illustrates the percentage of net sales
	the period	remaining after the company's expenses have been deducted
Facility	Facility divided by a comban of the control of the	I .
Equity per share	Equity divided by number of shares at the end of the period	Illustrates the return generated on the owners' invested capital per share from a shareholder perspective
Rolling 12 months' sales,	Sales, operating profit/loss or other results measured	This measure is used to more clearly illustrate the trends
operating profit/loss or other	over the last 12-month period	for sales, operating profit/loss and other results, which is
results	·	relevant because RaySearch's revenues are subject to
		monthly variations
Working capital	The Group's working capital is calculated as current	This measure shows how much working capital is tied up in
	operating receivables less current operating liabilities	operations and can be shown in relation to net sales to
	, <u>-</u>	demonstrate the efficiency with which working capital has
		been used
Return on equity	Calculated as profit/loss for the period as a	Illustrates the return generated on the owners' invested
. •	percentage of average equity Average equity is	capital from a shareholder perspective
	calculated as the sum of equity at the end of the	
	period plus equity at the end of the year-earlier period,	
	divided by two	
Equity/assets ratio	Equity expressed as a percentage of total assets	This is a standard measure to show financial risk, and is
		expressed as the percentage of the total restricted equity
		financed by the owners
Net debt	Interest-bearing liabilities less cash and cash	The measure shows the Group's total indebtedness
	equivalents	·
	and interest-bearing current and long-term	
	receivables	
Debt/equity ratio	Net debt in relation to equity	The measure shows financial risk and is used by
• •	. •	management
		to monitor the Group's indebtedness
		<u>'</u>
Net debt/EBITDA	Net debt in relation to operating profit before	A relevant measure from a credit perspective that shows
Net debt/EBITDA	Net debt in relation to operating profit before depreciation over the past 12-month period	A relevant measure from a credit perspective that shows the company's



CALCULATION OF FINANCIAL MEASURES NOT INCLUDED IN THE IFRS REGULATORY FRAMEWORK

AMOUNTS IN SEK 000s	Jun 30, 2017	Jun 30, 2016	Dec 31, 2016
Working capital			
Accounts receivable	244,864	207,946	282,535
Accrued income	91,485	31,590	47,576
Other current receivables	23,367	26,628	17,758
Accounts payable	-17,274	-20,467	-11,943
Other current liabilities	-143,928	-85,646	-112,995
Working capital	198,514	160,051	222,931
AMOUNTS IN SEK 000s	Jun 30, 2017	Jun 30, 2016	Dec 31, 2016
Net debt			
Current interest-bearing liabilities	38,833	13,415	-
Long-term interest-bearing liabilities	10,491	36,129	61,527
Cash and cash equivalents	-70,165	-33,526	-87,720
Interest-bearing receivables	-	-	-
Net debt	-20,841	16,018	-26,193
	Jul 2016-	Jul 2015-	Full-year
AMOUNTS IN SEK 000s	Jun 2017	Jun 2016	2016
EBITDA			
Operating profit	199,019	125,232	199,559
Amortization and depreciation	69,239	64,415	67,339
EBITDA	268,258	189,647	266,898



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ABOUT RAYSEARCH

RaySearch Laboratories AB (publ) is a medical technology company that develops advanced software solutions for improved radiation therapy of cancer. The company develops and markets the RayStation treatment planning system to clinics all over the world and distributes the products through licensing agreements with leading medical technology companies. The company is also developing the next-generation oncology information system, RayCare, which comprises a new product area for RaySearch, and will be launched in 2017. RaySearch's software is currently used by over 2,600 clinics in more than 65 countries. The company was founded in 2000 as a spin-off from the Karolinska Institute in Stockholm and the share has been listed on Nasdaq Stockholm since 2003.

More information about RaySearch is available at www.raysearchlabs.com.

BUSINESS CONCEPT

RaySearch's mission is to contribute to the advancement of cancer care by developing innovative software solutions that improve quality of life for cancer patients and save lives.

BUSINESS MODEL

RaySearch's revenues are generated when customers pay an initial license fee for the right to use RaySearch's software and an annual service fee for access to updates and support. The RayStation treatment planning system is developed at RaySearch's head office in Stockholm, and distributed and supported by the company's global marketing organization.

STRATEGY

A radiation therapy clinic essentially needs two software platforms for its operations: an information system, and a treatment planning system. With RayStation and the planned launch of RayCare in 2017, RaySearch will further strengthen its position and continue to grow with high profitability. The strategy rests on a strong focus on software development, leading functionality, broad support for many different types of treatment techniques and radiation therapy devices, as well as extensive investments in research and development.

