



Value Indicators:	EUR	Share data:		Description:	
DCF:	3.30	Bloomberg:	AAQ GR	Producer of implants and biomaterials to mend broken bones	
SotP:	3.09	Reuters:	AAQG.DE		
Peer Group:	4.18	ISIN:	DE0005066609		
Market Snapshot:	EUR m	Shareholders:		Risk Profile (WRe):	2015e
Market cap:	75.0	Freefloat	43.3 %	Beta:	1.5
No. of shares (m):	30.7	Jürgen W. Krebs	12.7 %	Price / Book:	1.6 x
EV:	68.1	Noes Beheer B.V.	10.9 %	Equity Ratio:	78 %
Freefloat MC:	32.5	Ratio Capital	8.2 %		
Ø Trad. Vol. (30d):	37.51 th	Taaleritehdas	6.4 %		

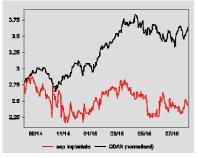
Preview: Preliminary sales figures surprised; Eyeing earnings

Friday, August 14: Q2 report

Expected Figures Q2/2015:							
FY End: 31.12. in EUR m	Q2 15e	Q2 14	yoy	6M 15e	6M 14	yoy	
Sales EBITDA	6.5 -0.9	8.1 1.5	-20 % n.a.	13.6 -0.7	15.2 1.6	-10 % n.a.	
Margin EBIT	-14.0 % -1.6	18.7 % 1.0	n.a.	-5.2 % -2.0	10.7 % 0.6	n.a.	
Margin EPS	-24.2 % -0.05	11.9 % 0.03	n.a.	-14.7 % -0.06	3.6 % 0.02	n.a.	

Comment on Figures:

- Preliminary sales figures exceeded the guidance. The yoy decline in Q2 is mainly explained by quarterly fluctuation in the Biomaterial segment.
- Furthermore, last year's H1 sales were still positively impacted by the Dutch subsidiary EMCM (sold in February 2014). Therefore sales are down by 10% in a yoy comparison.
- Stronger than expected sales should see earnings slightly exceed the upper end of guidance. An EBITDA of EUR -1.5m to -1.0m was forecast for Q2 '15. (EUR -0.9m WRe)
- As generally expected for 2015, depreciation is assumed to increase slightly as already seen in Q1. aap made several investments in production capacities to prepare for the roll-out of LOQTEQ. EBIT is assumed to stand at EUR -1.6m.
- ap will report Q2 results on Friday, August 14, followed by a conference call on Monday, August 17.
- Preliminary sales of EUR 6.5m for Q2 15 were better than expected (EUR 6.0m WRe). Sales were guided to range between EUR 5.0m and EUR 6.1m.
- LOQTEQ grew by 15% yoy in Q2 15 just with existing customers (WRe). On a full-year basis, aap aims to grow by at least 20% in the Trauma segment. Quarterly results have limited significance owing to seasonal fluctuation and the generally low base.
- However, to achieve the full-year targets of EUR 33-35m sales, H2 has to be stronger than H1. China, Brazil and the US should be the growth drivers in the second half of 2015. Initial shipments are expected in the Americas.



Rel. Performance vs CDAX:					
1 month:	-6.3 %				
6 months:	-15.5 %				
Year to date:	-16.6 %				
Trailing 12 months:	-41.0 %				
Company events:					

Company events:	
14.08.15	Q2
18.08.15	RS LON
13.11.15	Q3

FY End: 31.12. in EUR m	CAGR (14-17e)	2011	2012	2013	2014	2015e	2016e	2017e
Sales	10.6 %	29.2	36.4	40.0	31.6	33.4	37.8	42.8
Change Sales yoy		2.7 %	24.7 %	9.8 %	-21.0 %	5.8 %	13.1 %	13.1 %
Gross profit margin		85.3 %	78.4 %	72.7 %	68.8 %	73.0 %	73.5 %	76.0 %
EBITDA	35.5 %	4.1	7.1	7.4	2.3	2.7	3.6	5.7
Margin		14.1 %	19.6 %	18.4 %	7.2 %	8.0 %	9.5 %	13.3 %
EBIT	-	1.2	3.2	-2.1	0.0	0.2	1.0	2.7
Margin		4.0 %	8.8 %	-5.3 %	-0.1 %	0.7 %	2.5 %	6.3 %
Net income	-	0.4	2.4	-2.2	-0.5	0.1	0.5	2.0
EPS	-	0.01	0.08	-0.07	-0.01	0.00	0.02	0.07
DPS	-	0.00	0.00	0.00	0.00	0.00	0.01	0.02
Dividend Yield		0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.4 %	0.8 %
FCFPS		-0.03	0.10	-0.07	-0.26	-0.03	-0.08	-0.02
FCF / Market cap		-2.7 %	10.4 %	-7.3 %	-7.3 %	-1.2 %	-3.2 %	-0.9 %
EV / Sales		1.2 x	0.9 x	1.2 x	2.4 x	2.0 x	1.9 x	1.6 x
EV / EBITDA		8.7 x	4.8 x	6.6 x	33.5 x	25.4 x	19.4 x	12.4 x
EV / EBIT		30.8 x	10.7 x	n.a.	n.a.	283.4 x	72.9 x	26.2 x
P/E		96.9 x	12.5 x	n.a.	n.a.	n.a.	122.3 x	34.9 x
FCF Yield Potential		2.6 %	11.0 %	9.3 %	-0.4 %	0.1 %	0.5 %	2.7 %
Net Debt		7.1	3.9	3.2	-7.8	-6.9	-4.8	-4.8
ROE		0.8 %	4.9 %	-4.4 %	-1.0 %	0.3 %	1.0 %	4.2 %
ROCE (NOPAT)		1.4 %	5.2 %	-3.6 %	-0.3 %	0.3 %	1.0 %	4.5 %
Guidance:	Guidance 201	5: Revenue B	EUR 33-35m	- EBITDA EI	JR 2.5-3.5m			



LEGAL DISCLAIMER

This research report was prepared by the Warburg Research GmbH, a fully owned subsidiary of the M.M.Warburg & CO (AG & Co.) KGaA and is passed on by the M.M.Warburg & CO (AG & Co.) KGaA. It contains selected information and does not purport to be complete. The report is based on publicly available information and data ("the information") believed to be accurate and complete. Warburg Research GmbH neither does examine the information to be accurate and complete, nor guarantees its accuracy and completeness. Possible errors or incompleteness of the information do not constitute grounds for liability of M.M.Warburg & CO (AG & Co.) KGaA or Warburg Research GmbH for damages of any kind whatsoever, and M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH are not liable for indirect and/or direct and/or consequential damages. In particular, neither M.M.Warburg & CO (AG & Co.) KGaA nor Warburg Research GmbH are liable for the statements, plans or other details contained in these analyses concerning the examined companies, their affiliated companies, strategies, economic situations, market and competitive situations, regulatory environment, etc. Although due care has been taken in compiling this research report, it cannot be excluded that it is incomplete or contains errors. M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH, their shareholders and employees are not liable for the accuracy and completeness of the statements, estimations and the conclusions derived from the information contained in this document. Provided a research report is being transmitted in connection with an existing contractual relationship, i.e. financial advisory or similar services, the liability of M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH shall be restricted to gross negligence and wilful misconduct. In case of failure in essential tasks, M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH are liable for normal negligence. In any case, the liability of M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH is limited to typical, expectable damages. This research report does not constitute an offer or a solicitation of an offer for the purchase or sale of any security. Partners, directors or employees of M.M.Warburg & CO (AG & Co.) KGaA, Warburg Research GmbH or affiliated companies may serve in a position of responsibility, i.e. on the board of directors of companies mentioned in the report. Opinions expressed in this report are subject to change without notice. All rights reserved.

COPYRIGHT NOTICE

This work including all its parts is protected by copyright. Any use beyond the limits provided by copyright law without permission is prohibited and punishable. This applies, in particular, to reproductions, translations, microfilming, and storage and processing on electronic media of the entire content or parts thereof.

DISCLOSURE ACCORDING TO §34B (1) OF THE GERMAN SECURITIES TRADING ACT (WHPG) AND THE ORDINANCE ON THE ANALYSIS OF FINANCIAL INSTRUMENTS (FINANV)

The valuation underlying the investment recommendation for the company analysed here is based on generally accepted and widely used methods of fundamental analysis, such as e.g. DCF Model, Free Cash Flow Potential, Peer Group Comparison or Sum of the Parts Model. The result of this fundamental valuation is modified to take into consideration the analyst's assessment as regards the expected development of investor sentiment and its impact on the share price.

Independent of the applied valuation methods, there is the risk that the price target will not be met, for instance because of unforeseen changes in demand for the company's products, changes in management, technology, economic development, interest rate development, operating and/or material costs, competitive pressure, supervisory law, exchange rate, tax rate etc. For investments in foreign markets and instruments there are further risks, generally based on exchange rate changes or changes in political and social conditions.

This commentary reflects the opinion of the relevant author at the point in time of its compilation. A change in the fundamental factors underlying the valuation can mean that the valuation is subsequently no longer accurate. Whether, or in what time frame, an update of this commentary follows is not determined in advance

In accordance with § 5 (4) of the Ordinance on the Analysis of Financial Instruments (FinAnV) Warburg Research GmbH has implemented additional internal and organisational arrangements to prevent or to deal with conflicts of interest. Among these are the spatial separation of Warburg Research GmbH from M.M.Warburg & CO (AG & Co.) KGaA and the creation of areas of confidentiality. This prevents the exchange of information, which could form the basis of conflicts of interest for Warburg Research in terms of the analysed issuers or their financial instruments.

The analysts of Warburg Research GmbH do not receive a gratuity – directly or indirectly – from the investment banking activities of M.M.Warburg & CO (AG & Co.) KGaA or of any company within the Warburg Group.

All prices of financial instruments given in this financial analysis are the closing prices on the last stock-market trading day before the publication date stated, unless another point in time is explicitly stated.

M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH are subject to the supervision of the Federal Financial Supervisory Authority, BaFin.

SOURCES

All data and consensus estimates have been obtained from FactSet except where stated otherwise.



Additional information for clients in the United States

- 1. This research report (the "Report") is a product of Warburg Research GmbH, Germany, a fully owned subsidiary of M.M.Warburg & CO (AG & Co.) KGaA, Germany (in the following collectively "Warburg"). Warburg is the employer of the research analyst(s), who have prepared the Report. The research analyst(s) reside outside the United States and are not associated persons of any U.S. regulated broker-dealer and therefore are not subject to the supervision of any U.S. regulated broker-dealer.
- 2. The Report is provided in the United States for distribution solely to "major U.S. institutional investors" under Rule 15a-6 of the U.S. Securities Exchange Act of 1934.
- 3. Any recipient of the Report should effect transactions in the securities discussed in the Report only through J.P.P. Euro-Securities, Inc., Delaware.
- 4. J.P.P. Euro-Securities, Inc. does not accept or receive any compensation of any kind for the dissemination of the research reports from Warburg.

Reference in accordance with section 34b of the German Securities Trading Act (WpHG) and the Ordiance on the Analysis of Financial Instruments (FinAnV) regarding possible conflicts of interest with the analysed company:

- The company preparing the analysis or any of its affiliated companies hold over 5% of shares in the analysed company's equity -1capital. Within the last twelve months, the company preparing the analysis or any of its affiliated companies have participated in the -2. management of a consortium for the public offering of financial securities, which are (or the issuer of which) is the subject of the analysis. The company preparing the analysis or any of its affiliated companies manage the securities of the analysed company on the -3grounds of an existing contract. On the grounds of an existing contract, the company preparing the analysis or any of its affiliated companies, have managed investment banking services for the analysed company within the last twelve months, out of which a service or the promise of a has service emerged. The company preparing the analysis and the analysed company came to an agreement regarding the preparation of the financial analysis
- The company preparing the analysis or any of its affiliated companies regularly trade in shares or derivatives of the analysed company
- The company preparing the analysis as well as its affiliated companies and employees have other important interests in -7relation to the analysed company, such as, for example, the exercising of mandates at analysed companies.

Company	Disclosure	Link to the historical price targets and rating changes (last 12 months)
aap Implantate	5	http://www.mmwarburg.com/disclaimer/disclaimer_en/DE0005066609.htm



INVESTMENT RECOMMENDATION

Investment recommendation: expected direction of the share price development of the financial instrument up to the given <u>price target</u> in the opinion of the analyst who covers this financial instrument.

-B-	Buy:	The price of the analysed financial instrument is expected to rise over the next 12 months.	
-H-	Hold:	The price of the analysed financial instrument is expected to remain mostly flat over the next months.	
-S-	Sell:	The price of the analysed financial instrument is expected to fall over the next 12 months.	
<u>"_"</u>	Rating suspended:	The available information currently does not permit an evaluation of the company.	

WARBURG RESEARCH GMBH – RESEARCH UNIVERSE BY RATING					
Rating	Number of stocks	% of Universe			
Buy	111	60			
Hold	65	35			
Sell	6	3			
Rating suspended	3	2			
Total	185	100			

WARBURG RESEARCH GMBH - ANALYSED RESEARCH UNIVERSE BY RATING ...

... Looking only at companies for which a disclosure according to § 34b of the Germany Securities Trading Act and the FinAnV has to be made.

Rating	Number of stocks	% of Universe
Buy	94	65
Hold	46	32
Sell	3	2
Rating suspended	2	1
Total	145	100

PRICE AND RATING HISTORY AAP IMPLANTATE AS OF 06.08.2015



The chart has markings if Warburg Research GmbH changed its rating in the last 12 months. Every marking represents the date and closing price on the day of the rating change.



EQUITIES			
Roland Rapelius Head of Equities	+49 40 3282-2673 rrapelius@mmwarburg.com		
RESEARCH			
Henner Rüschmeier Head of Research	+49 40 309537-270 hrueschmeier@warburg-research.com	Malte Räther Technology, Telco, Internet	+49 40 309537-185 mraether@warburg-research.com
Lucas Boventer Renewables, Internet, Media	+49 40 309537-290 lboventer@warburg-research.com	Jochen Reichert Telco, Internet, Media	+49 40 309537-130 jreichert@warburg-research.com
Christian Cohrs	+49 40 309537-175	Moritz Rieser	+49 40 309537-260
Engineering, Logistics Felix Ellmann	ccohrs@warburg-research.com +49 40 309537-120	Real Estate Arash Roshan Zamir	mrieser@warburg-research.com +49 40 309537-155
Software, IT	fellmann@warburg-research.com	Engineering, Logistics	aroshanzamir@warburg-research.com
Jörg Philipp Frey Retail, Consumer Goods	+49 40 309537-258 jfrey@warburg-research.com	Malte Schaumann Technology	+49 40 309537-170 mschaumann@warburg-research.com
Harald Hof Medtech	+49 40 309537-125	Oliver Schwarz Chemicals, Agriculture	+49 40 309537-250 oschwarz@warburg-research.com
Ulrich Huwald	hhof@warburg-research.com +49 40 309537-255	Marc-René Tonn	+49 40 309537-259
Health Care, Pharma	uhuwald@warburg-research.com	Automobiles, Car Suppliers	mtonn@warburg-research.com
Thilo Kleibauer Retail, Consumer Goods	+49 40 309537-257	Björn Voss	+49 40 309537-254
Eggert Kuls	tkleibauer@warburg-research.com +49 40 309537-256	Steel, Car Suppliers Andreas Wolf	bvoss@warburg-research.com +49 40 309537-140
Engineering	ekuls@warburg-research.com	Software, IT	awolf@warburg-research.com
Frank Laser	+49 40 309537-235		
Construction, Industrials Andreas Pläsier	flaser@warburg-research.com +49 40 309537-246		
Banks, Financial Services	aplaesier@warburg-research.com		
INSTITUTIONAL EQU	ITY SALES		
Holger Nass	+49 40 3282-2669	Ömer Güven	+49 40 3282-2633
Head of Equity Sales, USA Klaus Schilling	hnass@mmwarburg.com +49 40 3282-2664	USA, Germany Michael Kriszun	ogueven@mmwarburg.com +49 40 3282-2695
Dep. Head of Equity Sales, GER	kschilling@mmwarburg.com	United Kingdom	mkriszun@mmwarburg.com
Christian Alisch	+49 40 3282-2667	Marc Niemann	+49 40 3282-2660
Scandinavia, Spain	calisch@mmwarburg.com	Germany	mniemann@mmwarburg.com
Tim Beckmann United Kingdom	+49 40 3282-2665 tbeckmann@mmwarburg.com	Sanjay Oberoi United Kingdom	+49 69 5050-7410 soberoi@mmwarburg.com
Matthias Fritsch	+49 40 3282-2696	Philipp Stumpfegger	+49 40 3282-2635
United Kingdom	mfritsch@mmwarburg.com	Australia, United Kingdom	pstumpfegger@mmwarburg.com
Marie-Therese Grübner France, Switzerland	+49 40 3282-2630 mgruebner@mmwarburg.com	Juliane Willenbruch Roadshow/Marketing	+49 40 3282-2694 jwillenbruch@mmwarburg.com
SALES TRADING			
Oliver Merckel	+49 40 3282-2634	Bastian Quast	+49 40 3282-2701
Head of Sales Trading Thekla Struve	omerckel@mmwarburg.com +49 40 3282-2668	Sales Trading Jörg Treptow	bquast@mmwarburg.com +49 40 3262-2658
Dep. Head of Sales Trading	tstruve@mmwarburg.com	Sales Trading	jtreptow@mmwarburg.com
Gudrun Bolsen	+49 40 3282-2679	Jan Walter	+49 40 3262-2662
Sales Trading	gbolsen@mmwarburg.com	Sales Trading	jwalter@mmwarburg.com
Michael Ilgenstein Sales Trading	+49 40 3282-2700 milgenstein@mmwarburg.com		
MACRO RESEARCH			
Carsten Klude	+49 40 3282-2572	Dr. Christian Jasperneite	+49 40 3282-2439
Macro Research Matthias Thiel	cklude@mmwarburg.com +49 40 3282-2401	Investment Strategy	cjasperneite@mmwarburg.com
Macro Research	mthiel@mmwarburg.com		
Our research can be	found under:		
Warburg Research	research.mmwarburg.com/en/index.html	Thomson	www.thomson.com
Bloomberg	MMWA GO	Reuters	www.knowledge.reuters.com
FactSet	www.factset.com	Capital IQ	www.capitaliq.com
For access please cont	act:		
Andrea Schaper	+49 40 3282-2632	Kerstin Muthig	+49 40 3282-2703
Sales Assistance	aschaper@mmwarburg.com	Sales Assistance	kmuthig@mmwarburg.com