ipopema

Medicalgorithmics

More IDTF customers needed

In this report, we update our forecasts and valuation of Medicalgorithmics. Based on the new forecasts and the current risk-free rate, we decrease our Fair Value to PLN 40.1ps. As the new FV implies 109% upside potential to the current share price, we maintain our BUY recommendation. Medicalgorithmics had two major goals for 2024. The first of these – securing CE certification for VCAST - has been achieved, and we expect the first small revenues from this product in 2025. The key market for VCAST is the US, but the FDA registration process has not even started yet and initial sales could take place in two years. The second goal, more important from a short-term perspective, is to acquire new large customers for ECG. Signing such an agreement would be a significant step forward in the implementation of the strategy, increase revenues, bring the company significantly closer to break-even, and remove the risk of issuing shares, which exists at current revenue levels.

ECG segment struggling for break-even. Five newly-acquired clients in the US now generate about PLN 1.2m in revenue per quarter. This is still too little to achieve break-even, especially since revenues from markets outside the US have flattened out. Medicalgorithmics does not have the comfort of a long cash runway and needs to increase the pace of new customer acquisition both in the US and in other markets to avoid the need for additional financing. A key event is the outcome of negotiations with one major customer that management has mentioned. The signing of a deal would be a significant step forward toward achieving break-even, while the absence of a deal in the near term significantly increases the risk of an equity issue in 2025. Our valuation of the ECG business is PLN 159m or PLN 15.9 per share.

VCAST secured CE certification. VCAST, a technology for non-invasive analysis of coronary artery disease (CAD), has secured CE certification and after a formal registration may launch in EU, UK, Switzerland, Canada and Australia markets. We assume initial small-scale revenues in 2025E. Medicalgorithmics estimates cumulative VCAST revenues over the next four years at PLN 130m, of which approximately half would stem from US sales. Clinical trial and FDA approval are the key milestones in VCAST development, as the US market offers far greater market potential than the EU and Asia. The FDA regulatory process should start within the next few months and a US launch is expected in late 2026 or early 2027. Our valuation of VCAST is PLN 240m or PLN 24.1 per share.

Recommendation and valuation. We decrease our FV to PLN 40.1ps from PLN 42.6ps and as the new FV implies 109% upside vs. the current price, we maintain our BUY rating.

Figure 1. Medicalgorithmics financial forecasts summary	Figure 1	I. Medicalgorithmics financial forecas	sts summarv
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PLN m	2022	2023	2024E	2025E	2026E	2027E
Revenues	62.7	43.1	26.7	40.1	55.6	70.0
EBITDA	21.4	2.8	-12.6	-3.7	10.0	19.0
Adj. EBITDA	16.4	3.0	-15.2	-3.7	10.0	19.0
EBIT	17.2	0.4	-16.0	-8.8	1.3	8.2
Net profit	-11.9	-0.6	-13.0	-7.7	-0.4	4.8
EPS (PLN)	-1.59	-0.06	-1.30	-0.77	-0.04	0.48
DPS (PLN)	0.00	0.00	0.00	0.00	0.00	0.00
uFCF yield (%)	-8.4%	-5.1%	-6.1%	-9.6%	-4.4%	-0.5%
EV/EBITDA (x)	4.9	101.6	n.m.	n.m.	21.1	11.3
P/E (x)	n.m.	n.m.	n.m.	n.m.	n.m.	39.9

Source: Company, IPOPEMA Research

Healthcare

Medicalgorithmics

BUY FV PLN 40.1 from PLN 42.6 109% upside Price as of 25 November 2024 PLN 19.2

Maintained



Share data

Number of shares (m)	10.0
Market cap (EUR m)	44
12M avg daily volume (k)	15.5
12M avg daily turnover (EUR m)	0.1
12M high/low (PLN)	36.05/16.50
WIG weight (%)	0.02
Reuters	MDG.WA
Bloomberg	MDG PW
Total performance	
1M	-19.5%
3M	-24.7%

Shareholders (% of equity)

-31.1%

Biofund	50.0%
PZU pension fund	7.1%

Analyst

12M

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0.0

-1.7

-2.3

0.0

-3.2

19.1

MEDICALGO	вітн	MICS				P&L (PLNm)	2022	2023	2024E	2025E	2026E	2027E
MEDICALGO		wites				Revenues	62.7	43.1	26.7	40.1	55.6	70.0
BUY				FV PLN	1 40 1	Opex	46.3	42.1	46.5	48.9	54.4	61.8
501						Other operating income (cost) net	0.8	-0.5	3.8	0.0	0.0	0.0
Mkt Cap EUR 44m				Upside	+109%	Adj. EBITDA	16.4	3.0	-15.2	-3.7	10.0	19.0
						EBITDA	21.4	2.8	-12.6	-3.7	10.0	19.0
						EBIT	17.2	0.4	-16.0	-8.8	1.3	8.2
						Financial income (cost) net	8.0	-0.7	0.0	-0.7	-1.7	-2.3
Valuation multiples	2023	2024E	2025E	2026E	2027E	Pre-tax profit	25.3	-0.2	-16.0	-9.5	-0.5	5.9
P/E (x)	-526.1	-14.7	-24.9	-493.2	39.9	Income tax	0.2	-0.3	3.0	1.8	0.1	-1.1
EV/EBITDA (x)	101.6	-14.6	-54.6	21.1	11.3	Minorities	0.0	0.0	0.0	0.0	0.0	0.0
EV/Sales (x)	6.6	6.9	5.0	3.8	3.1	Discontinued	-37.3	0.0	0.0	0.0	0.0	0.0
P/BV (x)	3.3	2.4	2.7	2.7	2.5	Net profit	-11.9	-0.6	-13.0	-7.7	-0.4	4.8
uFCF yield (%)	-5.1%	-6.1%	-9.6%	-4.4%	-0.5%							
DY (%)	0.0%	0.0%	0.0%	0.0%	0.0%							
						BALANCE SHEET (PLNm)	2022	2023	2024E	2025E	2026E	2027E
Per share	2023	2024E	2025E	2026E	2027E	Non-current assets	65.9	78.4	86.3	93.0	97.1	100.4
No. of shares (m units)	10.0	10.0	10.0	10.0	10.0	PP&E	0.9	0.8	0.8	0.8	0.8	0.9
EPS (PLN)	-0.1	-1.3	-0.8	0.0	0.5	Right-of -use assets	1.1	1.5	1.8	2.1	2.5	2.9
BVPS (PLN)	9.3	8.0	7.2	7.2	7.7	Goodwill	19.0	19.0	19.0	19.0	19.0	19.0
uFCFPS (PLN)	-1.6	-1.2	-1.8	-0.8	-0.1	Intangibles	44.9	53.7	61.3	67.6	71.4	74.2
DPS (PLN)	0.0	0.0	0.0	0.0	0.0	Other non-current assets	0.0	3.4	3.4	3.4	3.4	3.4
						Current assets	56.1	43.2	25.4	29.2	45.7	48.6
Change YoY (%)	2023	2024E	2025E	2026E	2027E	Inventories	8.8	9.3	6.1	8.8	12.2	15.4
Revenues	-31.3%	-38.1%	50.2%	38.8%	25.8%	Trade receivables	21.1	8.4	5.5	8.0	11.2	14.0
Gross profit	-81.8%	n.m.	n.m.	-371.3%	88.9%	Cash and equivalents	26.2	25.5	13.8	12.4	22.3	19.1
EBITDA	-86.9%	n.m.	n.m.	-371.3%	88.9%	Other current assets	0.0	0.0	0.0	0.0	0.0	0.0
EBIT	-97.5%	n.m.	-44.8%	n.m.	n.m.	Total assets	122.0	121.6	111.6	122.2	142.8	148.9
Net profit	-95.1%	2147.1%	-40.8%	n.m.	n.m.	Equity	94.7	92.6	79.6	71.9	71.5	76.3
						Minorities	0.0	0.0	0.0	0.0	0.0	0.0
Leverage and return	2023	2024E	2025E	2026E	2027E	Non-current liabilities	17.1	16.8	16.8	34.3	54.3	54.3
EBITDA margin (%)	6.5%	-47.1%	-9.2%	18.0%	27.1%	Loans and borrowings	4.2	2.5	2.5	20.0	40.0	40.0
EBIT margin (%)	1.0%	-59.9%	-22.0%	2.3%	11.7%	Other non-current liabilities	12.8	14.3	14.3	14.3	14.3	14.3
Net margin (%)	-1.3%	-48.7%	-19.2%	-0.7%	6.8%	Current liabilities	10.3	12.3	15.3	16.0	17.0	18.3
Net debt / EBITDA (x)	-7.1	0.6	-2.9	2.1	1.3	Trade payables	4.5	4.4	7.4	8.1	9.1	10.5
Net debt / Equity (x)	-0.2	-0.1	0.2	0.3	0.3	Loans and borrowings	5.0	3.2	3.2	3.2	3.2	3.2
Net debt / Assets (x)	-0.2	-0.1	0.1	0.1	0.2	Other current liabilities	0.8	4.6	4.6	4.6	4.6	4.6
ROE (%)	-0.6%	-15.1%	-10.2%	-0.5%	6.5%	Equity & liabilities	122.0	121.6	111.6	122.2	142.8	148.9
ROA (%)	-0.5%	-11.1%	-6.6%	-0.3%	3.3%	Cash conversion cycle (days)	55.0	85.3	81.0	63.6	49.9	41.9
						Gross debt (PLN m)	9.3	5.7	5.7	23.2	43.2	43.2
Forecasts (PLNm)	2023	2024E	2025E	2026E	2027E	Net debt (PLN m)	-16.9	-19.8	-8.1	10.8	20.9	24.1
Revenues, o/w:	43.1	26.7	40.1	55.6	70.0							
Services	35.3	22.5	36.5	51.7	65.8	CASH FLOW (PLNm)	2022	2023	2024E	2025E	2026E	2027E
Devices	7.8	4.2	3.6	3.9	4.3	Operating cash flow	6.3	0.2	-0.3	-6.4	4.5	13.2
Services (USDm), o/w:	8.4	5.2	9.5	13.9	17.2	Net income	-11.9	-0.6	-13.0	-7.7	-0.4	4.8
React	3.7	0.0	0.0	0.0	0.0	D&A	4.2	2.4	3.4	5.1	8.8	10.8
New IDTF	0.0	1.2	3.4	3.9	4.1	Change in WC	-26.5	-3.7	9.2	-4.5	-5.6	-4.7
Out of US	4.6	4.5	4.9	5.3	5.7	Other	40.5	2.1	0.0	0.7	1.7	2.3
Costs, o/w:	-42.1	-46.5	-48.9	-54.4	-61.8	Investment cash flow	-1.8	2.0	-9.9	-10.3	-11.3	-12.4
Materials and energy	-7.2	-4.3	- 3.1	-3.3	-3.6	Change in PP&E	-12.4	-11.3	-9.9	-10.3	-11.3	-12.4
Employee costs	-18.1	-4.5	-22.9	-24.3	-25.8	Other	-12.4	13.3	-9.9	0.0	0.0	0.0
D&A	-18.1	-21.3	-22.9	-24.5	-25.8	Financial cash flow	10.0	- 2.8	-1.5	15.3	16.7	-3.9
Third party services	-2.4	-3.4 -16.3	-16.8	-o.o -16.7	-10.8		13.9	- 2.8 0.0	0.0	0.0	0.0	
Other	-13.4	-16.3	-16.8	-16.7	-20.2	Change in equity Change in debt	-3.0	-3.6	0.0	17.5	20.0	0.0 0.0
	-1.1	-0.9	-0.9	-1.Z	-1.5		-5.0	-5.0	0.0	17.5	20.0	0.0

Dividend

Interest

Other

RoU increase

Change in cash

Cash as of eop

0.0

0.0

0.0

-0.9

14.5

26.2

0.0

0.0

0.0

0.8

-0.7

25.5

0.0

-1.4

0.0

0.0

-11.7

13.8

0.0

-1.5

-0.7

0.0

-1.4

12.4

0.0

-1.6

-1.7

0.0

9.9

22.3

Source: Company data, IPOPEMA Research

Valuation

We value Medicalgorithmics using a sum-of-the-parts valuation. We value the Kardiolytics using the rNPV method (risk-adjusted net present value) probability weighing its subsequent phases. We value the ECG business using a DCF model. Based on our forecasts, we arrive at fair value of PLN 40.1 per share, i.e. 109% above the current market price, which implies a BUY recommendation.

Figure 2. Medicalgorithmics: SOTP valuation (PLNm)

	PLNm	PLN/share
ECG business - DCF valuation (Enterprise value)	158.6	15.9
Kardiolytics - rNPV valuation (Enterprise value)	240.0	24.1
Enterprise value	398.6	40.0
Net cash (1Q24)	0.7	0.1
Fair value	399.3	40.1
Courses Courses IBODEMA Door out		

Source: Company, IPOPEMA Research

rNPV valuation - Kardiolytics

Figure 3. Kardiolytics: Valuation assumptions

Phase	Year	Probability of success	Cumulative probability of success		
Development	2024	100%	100%		
Clinical trial	2025	75%	75%		
NDA submission	2026	75%	56%		
Commercial sale	2027	100%	56%		
Average annual sales (USDm)	42.6				
Peak sales (USDm)	60.6				
rNPV (PLNm)	240.0				
rNPV (PLN/share)	24.1				

Source: Company, IPOPEMA Research

Figure 4. Medicalgorithmics: Kardiolytics assumptions

	2024E	2025E	2026E	2027E	2028E	2029E	2030E	2031E	2032E	2033E	Terminal
Phase	Develop ment	Clinical trial	Approval	Market							
Price (USD)	250	250	250	250	250	250	250	250	250	250	250
No. of trials (m)	10	10	10	10	10	10	10	10	10	10	10
ТАМ	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500
Market share	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%	2.5%
Peak sales	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
Sales curve	0%	0%	0%	5%	19%	36%	51%	65%	75%	84%	91%
Revenues (USDm)	0.0	0.0	0.0	3.1	11.9	22.5	31.9	40.6	46.9	52.5	56.9
Costs	-2.0	-2.2	-2.4	-2.7	-2.9	-3.0	-3.0	-3.1	-3.2	-3.2	-3.3
Revenues less COGS and tax (USDm)	0.0	0.0	0.0	2.2	8.2	15.5	21.9	28.0	32.3	36.1	39.2
Success rate	100%	75%	75%	100%	100%	100%	100%	100%	100%	100%	100%
Cumulative probability of success	100%	100%	75%	56%	56%	56%	56%	56%	56%	56%	56%
Risk adj net FCF (USDm)	-2.0	-2.2	-1.8	-0.3	3.0	7.0	10.6	14.0	16.4	18.5	20.2
Discount	88%	78%	69%	61%	54%	48%	43%	38%	33%	29%	26%
USDPLN	3.97	3.84	3.73	3.83	3.83	3.83	3.83	3.83	3.83	3.83	3.83
Net present CF (PLNm)	-7.0	-6.6	-4.7	-0.7	6.1	12.9	17.3	20.1	20.9	20.9	20.1
rNPV (PLNm)	240.0										

Source: Company, IPOPEMA Research

DCF valuation – ECG business

To value Medicalgorithmics' ECG business, we use a DCF model based on our free cash flows forecasts on consolidated numbers for the 2025E-2034E period. We applied a 5.5% equity risk premium, 5.5% risk free rate and 1.0% debt risk premium to reflect effective average costs of long-term financing. We assume standard unlevered beta at 1.0x and 2.0% growth rate in terminal year.

Figure 5. Medicalgorithmics ECG business DCF 2024E-2033E valuation

PLN m	2025E	2026E	2027E	2028E	2029E	2030E	2031E	2032E	2033E	2034E	Terminal
NOPAT	-7.1	1.0	6.6	8.8	12.0	15.6	22.1	26.1	31.4	36.5	36.5
+ Depreciation	5.1	8.8	10.8	13.0	15.5	16.1	14.9	15.3	15.6	15.0	-
+ Change in operating WC	-3.9	-6.6	-5.4	-3.3	-4.0	-3.5	-4.6	-3.8	-4.6	-4.1	-4.1
+ Capital expenditure	-11.8	-12.9	-14.1	-14.4	-14.7	-15.0	-15.4	-15.8	-16.1	-16.5	-
Free cash flow	-17.7	-9.7	-2.1	4.1	8.8	13.2	16.9	21.9	26.4	31.0	32.4
WACC	11.0%	10.8%	10.8%	10.8%	11.0%	11.0%	11.0%	11.0%	11.0%	11.0%	11.0%
PV FCF 2025E-2034E	28.7										
Terminal growth	2.0%										
PV TV	129.9										
Enterprise Value	158.6										

Source: Company, IPOPEMA Research

Figure 6. Medicalgorithmics ECG business WACC calculation

PLN m	2025E	2026E	2027E	2028E	2029E	2030E	2031E	2032E	2033E	2034E
Risk free rate	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%
Equity risk premium	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%
Unlevered beta	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Cost of equity	11.1%	12.0%	12.0%	12.3%	11.2%	11.0%	11.0%	11.0%	11.0%	11.0%
Risk free rate	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%
Debt risk premium	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
Tax rate	19.0%	19.0%	19.0%	19.0%	19.0%	19.0%	19.0%	19.0%	19.0%	19.0%
After tax cost of debt	5.7%	5.7%	5.7%	5.7%	5.7%	5.7%	5.7%	5.7%	5.7%	5.7%
Weight of debt	1.7%	18.3%	19.0%	22.1%	3.9%	0.0%	0.0%	0.0%	0.0%	0.0%
Weight of equity	98.3%	81.7%	81.0%	77.9%	96.1%	100.0%	100.0%	100.0%	100.0%	100.0%
WACC	11.0%	10.8%	10.8%	10.8%	11.0%	11.0%	11.0%	11.0%	11.0%	11.0%

Source: Company, IPOPEMA Research

Figure 7. Medicalgorithmics ECG business DCF sensitivity (PLNm)

-						
				g (%)		
		1.0%	1.5%	2.0%	2.5%	3.0%
	12.0%	124.7	129.7	135.3	141.5	148.4
	11.5%	134.0	139.8	146.3	153.4	161.4
WACC	11.0%	144.5	151.2	158.6	167.0	176.3
	10.5%	156.3	164.1	172.8	182.5	193.6
	10.0%	169.8	178.8	189.0	200.5	213.7

Source: Company, IPOPEMA Research

Financial forecasts

Figure 8. Medicalgorithmics 2021-2028E financials

P&L (PLN m)	2021	2022	2023	2024E	2025E	2026E	2027E	2028E
Revenues	85.3	62.7	43.1	26.7	40.1	55.6	70.0	79.3
COGS	94.3	46.3	42.1	46.5	48.9	54.4	61.8	68.5
Other operating income, net	-16.1	0.8	-0.5	3.8	0.0	0.0	0.0	0.0
Adj. EBITDA	7.1	16.4	3.0	-15.2	-3.7	10.0	19.0	23.8
EBITDA	-14.7	21.4	2.8	-12.6	-3.7	10.0	19.0	23.8
Operating profit	-25.1	17.2	0.4	-16.0	-8.8	1.3	8.2	10.8
Finance costs	2.8	8.0	-0.7	0.0	-0.7	-1.7	-2.3	-2.3
Pretax profit	-22.3	25.3	-0.2	-16.0	-9.5	-0.5	5.9	8.5
Income tax	3.4	0.2	-0.3	3.0	1.8	0.1	-1.1	-1.6
Minorities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Discontinued	-161.8	-37.3	0.0	0.0	0.0	0.0	0.0	0.0
Net profit	-180.6	-11.9	-0.6	-13.0	-7.7	-0.4	4.8	6.9
EPS (PLN)	-38.83	-1.59	-0.06	-1.30	-0.77	-0.04	0.48	0.70
EBITDA margin	-17.2%	34.2%	6.5%	-47.1%	-9.2%	18.0%	27.1%	30.0%
EBIT margin	-29.4%	27.4%	1.0%	-59.9%	-22.0%	2.3%	11.7%	13.7%
Net margin	-211.8%	-18.9%	-1.3%	-48.7%	-19.2%	-0.7%	6.8%	8.7%
ROE	-141.8%	-16.7%	-0.6%	-15.1%	-10.2%	-0.5%	6.5%	8.7%
Balance Sheet (PLN m)	2021	2022	2023	2024E	2025E	2026E	2027E	2028E
Current assets	106.7	56.1	43.2	25.4	29.2	45.7	48.6	55.3
Cash and equivalents	2.3	26.2	25.5	13.8	12.4	22.3	19.1	22.0
Trade and other receivables	6.9	21.1	8.4	5.5	8.0	11.2	14.0	15.9
Inventories	7.1	8.8	9.3	6.1	8.8	12.2	15.4	17.5
Other	90.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-current assets	7.7	65.9	78.4	86.3	93.0	97.1	100.4	101.8
PPE	-6.4	0.9	0.8	0.8	0.8	0.8	0.9	0.9
Right-of-use assets	9.5	1.1	1.5	1.8	2.1	2.5	2.9	3.3
Intangibles	3.7	44.9	53.7	61.3	67.6	71.4	74.2	75.1
Goodwill	0.8	19.0	19.0	19.0	19.0	19.0	19.0	19.0
Other	0.1	0.0	3.4	3.4	3.4	3.4	3.4	3.4
Total assets	114.4	122.0	121.6	111.6	122.2	142.8	148.9	157.1
Equity	47.4	94.7	92.6	79.6	71.9	71.5	76.3	83.2
Minority Interest	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term liabilities	14.7	17.1	16.8	16.8	34.3	54.3	54.3	54.3
Long-term debt	7.0	4.2	2.5	2.5	20.0	40.0	40.0	40.0
Other long-term liabilities	7.7	12.8	14.3	14.3	14.3	14.3	14.3	14.3
Short-term liabilities	52.3	10.3	12.3	15.3	16.0	17.0	18.3	19.6
Short-term debt	5.2	5.0	3.2	3.2	3.2	3.2	3.2	3.2
Trade and other payables	4.7	4.5	4.4	7.4	8.1	9.1	10.5	11.7
Other short-term liabilities	42.4	0.8	4.6	4.6	4.6	4.6	4.6	4.6
Total equity & liabilities	114.4	122.0	121.6	111.6	122.2	142.8	148.9	157.1
Net debt	10.0	-16.9	-19.8	-8.1	10.8	20.9	24.1	21.2
Net debt/EBITDA (x)	-0.7	-0.8	-7.1	0.6	-2.9	2.1	1.3	0.9
Cash flow (PLN m)	2021	2022	2023	2024E	2025E	2026E	2027E	2028E
CF from operations	-6.5	6.3	0.2	-0.3	-6.4	4.5	13.2	19.5
Net profit	-180.6	-11.9	-0.6	-13.0	-7.7	-0.4	4.8	6.9
D&A	10.4	4.2	2.4	3.4	5.1	8.8	10.8	13.0
Chg. In WC	7.8	-26.5	-3.7	9.2	-4.5	-5.6	-4.7	-2.7
Other	155.9	40.5	2.1	0.0	0.7	1.7	2.3	2.3
CF from investment	-15.8	-1.8	2.0	-9.9	-10.3	-11.3	-12.4	-12.6
CF from financing	17.7	10.0	-2.8	-1.5	15.3	16.7	-3.9	-4.0
Beginning cash	16.2	11.7	26.2	25.5	13.8	12.4	22.3	19.1
Ending cash	11.7	26.2	25.5	13.8	12.4	22.3	19.1	22.0
DPS (PLN)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source: Company, IPOPEMA Research

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Net F&C - Net fee and commission income - fee and commission income minus fee and commission expense.

LLP - loan loss provisions - an expense set aside as an allowance for bad loans.

NPL - non-performing loan - loans that are in default or close to be in default.

Cost/Income – operating expenses divided by total banking revenue.

ROE – return on equity – net income (or adjusted net income) divided by the average shareholders' equity. ROA – return on assets – net income (or adjusted net income) divided by the average assets.

EBIT – earnings before interests and tax.

EBITDA - earnings before interests, tax, depreciation and amortization.

EPS - earnings per share - the net income (or adjusted net income divided by the number of shares outstanding.

P/E – price to earnings ratio – price divided by earnings per share. PEG – P/E ratio divided by the annual EPS growth, usually over a certain period of time.

CAGR – compound annual growth rate.

BVPS - book value per share, the book value of the Company's equity divided by the number of shares outstanding.

P/BV - price to book value - price divided by the BVPS.

DPS - dividend per share - dividend of a given year divided by the number of shares outstanding.

DY - dividend yield - dividend of a given year divided by the current price.

DDM – dividend discount model – a fundamental method of valuation based on the assumption that the value of stock equals the sum of all discounted future dividends. FV – Fair Value, calculated based on valuation methods outlined in the document.

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	Number	%
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Total	33	100%

Rating History – Medicalgorithmics						
Date	Recommendation	Fair Value	Price at recommendation	Author		
06.09.2023	BUY	PLN 45.2	PLN 36.0	Łukasz Kosiarski		
16.11.2023	BUY	PLN 41.2	PLN 27.4	Łukasz Kosiarski		
30.06.2024	BUY	PLN 42.6	PLN 28.8	Łukasz Kosiarski		
28.11.2024	BUY	PLN 40.1	PLN 19.2	Łukasz Kosiarski		